Date: 04/11/2025

To,
The Director
Regional Office (West Central Zone),
Ministry of Environment, Forest and Climate Change,
Ground Floor, East wing,
New Secretariat Building,
Civil lane, Nagpur-440001

Subject:	**Half-yearly Compliance Report: April 2025 to September 2025**
Project	**PNP Maritime Services Private Limited. Construction of minor jetty at Dharmatar Creek, Project at District Raigad.**
EC No.	**F. No.10-70/2016-IA-III on dated 20.08.2020**

Dear Sir,

We are submitting a Half-Yearly Compliance Report (hard & soft copy) in respect of the stipulated terms and conditions of 'Prior Environmental Clearance' as specified in 'Environment Clearance' Notification Clause No. 10(i).

Thanking you,
Yours faithfully,
For PNP Maritime Services Private Limited.

PNP MARITIME SERVICES PVT. LTD. MUMBAI

Project Proponent

CC copy to:

1. Regional officer, Maharashtra Pollution Control Board, S.R.O. Raigad I.
2. Member Secretary, Maharashtra Pollution Control Board, Sion, Mumbai.
3. Member Secretary, State Environmental Impact Assessment Authority, Govt. of Maharashtra, Mumbai.

M/S PNP MARITIME SERVICES PRIVATE LIMITED

Environmental Clearance Compliance Report

April 2025 to September 2025

"PNP Port"

at
Gut No. 346, Dharamtar Creek, Village Shahbaj, District Raigad, Maharashtra

Environmental Clearance Letter No.: 10-70/2016-IA-III Dated 20th August 2020

CONSULTANT

Mahabal Enviro Engineers Pvt. Ltd.
Engineers, Consultants, Environmental Monitoring Laboratory & Contractors

F-7, Road 21, MIDC Wagle Estate, Thane-400604. Phone:022-25823154
thane@mahabal.com

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COMPLIANCE STATUS OF EC CONDITIONS

Environmental Clearance Letter No.: 10-70/2016-IA-III Dated 20/08/2020

Sr	Condition	Compliance	Anx	P
A	**SPECIFIC CONDITION**			
i.	The Environmental and CRZ Clearance to the project is primarily under provisions of EIA Notification, 2006 and CRZ Notification, 2011. It does not tantamount to approvals/consent /permissions etc. required to be obtained under any other Act/Rule/regulation The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.	MCZMA has recommended the project for CRZ Clearance vide Letter No. CRZ-2017/CR-323/TC4 dated 24 January 2019.		
ii.	The project proponent shall abide by all the commitments and recommendations made in the Form-II, EIA and EMP report, submissions made during Public Hearing and also that have been made during their presentation to EAC.	PP abides by all commitments and recommendations.		
iii.	Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No construction works other than those permitted in Coastal Regulation Zone Notification	Local and central rules, including those under the CRZ Notification 1991 and its amendments, are followed during the		

Sr	Condition	Compliance	Anx	P
	shall be carried out in Coastal Regulation Zone area.	construction and operation phases.		
iv.	All the recommendations and conditions specified by the Maharashtra State Coastal Zone Management Authority (MCZMA) vide letter No. CRZ-2017/CR-323/TC 4 dated 24 January, 2019 shall be complied with.	PP complies with all recommendations and conditions.		
v.	The project proponent shall comply with the air pollution mitigation measures as submitted.	Ambient air and noise quality is monitored regularly through a MoEF&CC-accredited laboratory.The Monitoring reports for April 2025 to September 2025 are attached as **ANNEXURE-VII**.	✓	
vi.	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained. Creek water monitoring program shall be implemented during the construction phase.	No creeks or rivers are blocked due to project activities.		
vii.	No underwater blasting is permitted.	PP complies with the condition.		
viii.	Dredging shall not be carried out during the fish breeding season. Dredging, etc. shall be carried out in	No dredging is carried out during the fish-breeding season. All		

Sr	Condition	Compliance	Anx	P
	confined manner to reduce the impacts on marine environment. As committed, Silt curtains shall be used to minimize spreading of silt plume during dredging operation. Turbidity should be monitored during the dredging. No removal of silt curtain unless baseline values are achieved.	measures are taken to minimize impacts on the marine environment.		
ix.	Wherever possible, dredged material shall be used for bank nourishment. Otherwise, deposit the dredged material within the port premises in non-CRZ areas for land development in a manner that it does not enter the channel. With the enhanced quantities, the impact of dumping on the estuarine environment should be studied and necessary measures shall be taken on priority basis if any adverse impact is observed.	Dredged material is used for land development with appropriate safeguards.		
x.	An independent monitoring be carried out by any Government Agency/Institute to evaluate the impact during dredging. Impact of dredged material on estuarine environment along with shore line changes should be studied by the PP and necessary mitigation measures be taken in case any adverse impact is observes. The	The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	

Sr	Condition	Compliance	Anx	P
	details shall be submitted along with the six-monthly monitoring report.			
xi.	Marine ecological studies and its mitigation measures for protection of phytoplankton, zooplanktons, macrobenthos, estuaries, sea-grass, algae, sea weeds, Crustaceans, Fishes, coral reefs and mangroves etc. as given in the EIA-EMP Report shall be complied with in letter and spirit	PP complies with the condition.		
xii.	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity	Marine ecology is monitored regularly, including micro, macro, and mega floral and faunal components.		
xiii.	A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board shall be obtained and implement in letter and spirit.	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
xiv.	The fresh water requirement of 58 KLD shall be met from MIDC water supply scheme.	PP complies with the condition.		
xv.	Sewage generated will be treated in STP of 50 KLD capacity. The treated water will be used for flushing, gardening and dust suppression within the port premises.	The 50 KLD STP is being provided to treat all project wastewater, ensuring compliance with standards, and the treated water is reused for on-site flushing, gardening, and dust suppression.		
xvi.	A continuous monitoring programmed covering all the seasons on various aspects of the estuarine environs need to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities/accredited Consultant with rich experiences in marine science aspects. The monitoring should cover various physio-chemical parameters along with pH coupled with biological indices such as microbes, plankton, benthos and fishes on a periodic basis during construction and operation phase of the project. Any deviations in the parameters shall be given adequate care with	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	suitable measures to conserve the marine environment and its resources.			
xvii.	Continuous online monitoring of air and water covering the total area shall be carried out and the compliance report of the same shall be submitted along with the 6 monthly compliance report to the regional office of MoEF & CC.	Regular monitoring has been carried out by a MoEF-recognized laboratory. The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	
xviii.	The material recovered from the cutting activity shall be used for filling low-lying areas within the project boundaries. The actions shall be in accordance with proposed landscape planning concepts to minimize major landscape changes. The change in land use pattern shall be limited to the proposed port limits and be carried out in such a way as to ensure proper drainage by providing surface drainage systems including storm water network.	Excavated material is stored and reused for backfilling and landscape development to minimize landscape changes.		
xix.	Suitable preventive measures be taken to trap spillage of fuel/engine oil and lubricants from the construction site. Measures should be taken to contain,	Suitable measures are taken to prevent spillage of fuel, engine oil, and lubricants.		

Sr	Condition	Compliance	Anx	P
	control and recover the accidental spills of fuel during cargo handling.			
xx.	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.	PP complies with the condition.		
xxi.	Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.	PP provides arrangements for general safety and occupational health of workers.		
xxii.	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF& CC along with half yearly compliance report.	PP regularly submits half-yearly compliance reports.		
xxiii.	The company shall draw up and implement Corporate Social Responsibility Plan as per the Company's Act of 2013.	PP complies with the condition.		
xxiv.	As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 01 May, 2018, project proponent has proposed that an amount of Rs. 2.65 Crores (0.25% of the project cost) shall be earmarked under Corporate Environment Responsibility	The monitoring reports are submitted along with the Six-monthly compliance report.		

Sr	Condition	Compliance	Anx	P
	(CER) Plan for the activities such as Health, Water supply, Sanitation, Road development, Solar lights in nearby areas and Education etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.			
1.	**STANDARD CONDITIONS:**			
2.	**Statutory Compliance:**			
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	The project does not involve diversion of forest land; hence, forest clearance is not applicable.		
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. No dredging is allowed in protected habitat areas without prior permission from NBWL.	PP will obtain clearance from the National Board for Wildlife, if applicable, and no dredging will be carried out in protected habitat		

Sr	Condition	Compliance	Anx	P
		areas without NBWL approval.		
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).	Noted by PP.		
iv.	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011 and the State Coastal Zone Management Plan as drawn up by the State Government. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Construction activities are carried out strictly as per the CRZ Notification, 2011, and the approved State Coastal Zone Management Plan.		
v.	All the recommendations and conditions specified by State Coastal Zone Management Authority for	PP complies with all recommendations and conditions specified by the		

Sr	Condition	Compliance	Anx	P
	the project shall be complied with.	State Coastal Zone Management Authority (SCZMA).		
vi.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	CTO for expansion vide No. Format 1.0/CAC/UAN 0000105351/CE-2107000798 dated 14/07/2021 is obtained. Renewal of CTO vide 1.0/CAC/UAN No. MPCB CONSENT-0000235394/CO/2508003682 dated 28/08/2025 is obtained.		
vii.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project.	Groundwater is not used for any purpose. PP will obtain permission from the Competent Authority if groundwater extraction is required in the future.		
viii.	All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and groundwater abstraction	PP will obtain the required NOC from CGWA for any dewatering and groundwater abstraction, as applicable.		

Sr	Condition	Compliance	Anx	P
ix.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	PP obtains the certificate of adequacy of available power from the power-supplying agency with the approved load.		
x.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.	PP will obtain all applicable statutory clearances, including approvals for diesel storage, fire safety, and permissions from the Coast Guard and Civil Aviation Department, from the respective competent authorities.		
II	**Air quality monitoring and preservation:**			
i.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM 2 .5 in reference to PM emission, and $S0_2$ and NOx in reference to $S0_2$ and NO_x emissions) within and outside the project area at least at four locations (one within and three outside the	Regular monitoring has been carried out by a MoEF-recognized laboratory. The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	

Sr	Condition	Compliance	Anx	P
	plant area at an angle of 120°each), covering upwind and downwind directions			
ii.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.	Air Pollution Control systems will be provided at the site.		
iii.	Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.	Shrouding is being carried out around the worksite to act as a dust curtain, effectively preventing dust discharge and minimizing wind disturbance.		
iv.	Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.	Dust collectors are deployed in all blasting and painting areas, along with stacks for effective dispersion.		

Sr	Condition	Compliance	Anx	P
v.	The Vessels shall comply the emission norms prescribed from time to time.	All vessels comply with the emission norms prescribed by the authorities and will continue to comply with future revisions.		
vi.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	PP has provided low-sulphur DG sets with acoustic enclosures.		
vii.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.			
III	**Water quality monitoring and presentation:**			
i.	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.	No creeks or rivers are blocked by project activities.		
ii.	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality. Silt curtains shall be used to contain the spreading of suspended sediment during dredging within the dredging area.	PP complies with the condition.		
iii.	No ships docking at the proposed project site will discharge its on-board waste water untreated in to the estuary/ channel. All such wastewater load will be	The earlier EC required a 10 KLD STP; PP now proposes a 50 KLD STP for the expansion.		

Sr	Condition	Compliance	Anx	P
	diverted to the proposed Effluent Treatment Plant of the project site.			
iv.	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	PP complies with the condition.		
v.	The project proponents will draw up and implement a plan for the management of temperature differences between intake waters and discharge waters.	PP complies with the condition.		
vi.	Spillage of fuel/engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.	Suitable preventive measures will be taken to trap spillage of fuel/engine oil and lubricants.		
vii.	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	Freshwater consumption remains within permissible limits.		
viii.	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.	The 50 KLD STP is being provided to treat all project wastewater, ensuring compliance with standards, and the treated water is		

Sr	Condition	Compliance	Anx	P
		reused for on-site flushing, gardening, and dust suppression.		
ix.	A certificate from the competent authority for discharging treated effluent untreated effluents into the public sewer/disposal /Drainage systems along with the final disposal point should be obtained.	PP will obtain the required certificate for treated effluent discharge.		
x.	No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.	PP ensures no diversion of the river course without prior approval.		
xi.	All the erosion control measures shall be taken at water front facilities. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.	PP is implementing erosion-control and earth-protection measures at the waterfront.		
IV	**Noise monitoring and prevention:**			
i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the	Regular monitoring has been carried out by a MoEF-recognized laboratory.	✓	

Sr	Condition	Compliance	Anx	P
	Ministry as a part of six-monthly compliance report.	The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**		
ii.	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment's.	The Ambient noise levels will be monitored. Construction activities are not carried out at night. Noise-reduction measures are implemented during construction.		
iii.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	DG sets with acoustic enclosures are provided.		
iv.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	The ambient noise levels will be monitored. Construction activities will not be carried out during nighttime. Efforts will be taken to reduce noise levels during the construction phase.		

Sr	Condition	Compliance	Anx	P
V	**Energy conservation measures:**			
i.	Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	PP complies with the condition.		
ii.	Provide LED lights in their offices and residential areas.	PP complies with the condition.		
VI	**Waste management:**			
i.	Dredged material shall be disposed safely in the designated areas.	Dredged material is disposed of safely.		
ii.	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six-monthly monitoring report.	PP complies with the condition.		
iii.	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986	The 50 KLD STP is being provided to treat all project and ship-generated effluents to statutory standards, with the treated water being reused on-site for non-potable applications. And Solid waste has been collected and		

Sr	Condition	Compliance	Anx	P
		handed over to an authorized recycler.		
iv.	The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.	Solid waste is collected and handed over to authorized recyclers.		
v.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	All safety precautions (safety nets, PPE, barricading, water spraying, noise control) are implemented at site.		
vi.	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.	PP is obtaining the MSW handling capacity certificate from the competent authority.		
vii.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Used CFLs and TFLs are collected and sent to authorized recyclers as per rules.		
viii.	Oil spill contingency plan shall be prepared and part of DMP to tackle emergencies. The equipment and recovery of oil from a spill would be assessed.	An oil spill contingency plan is being prepared as part of the DMP and will follow MARPOL and		

Sr	Condition	Compliance	Anx	P
	Guidelines given in MARPOL and Shipping Acts for oil spill management would be followed. Mechanism for integration of terminals oil contingency plan with the overall area contingency plan under the co-ordination of Coast should be covered.	Shipping Act guidelines.		
VII	**Green Belt:**			
i.	Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Plantation will be carried out as per CPCB guidelines.		
ii.	Top soil shall be separately stored and used in the development of green belt.	Topsoil is stored and used for greenbelt development.		
VIII	**Marine Ecology:**			
i.	Dredging shall not be carried out during the fish breeding and spawning seasons.	Dredging activities are not carried out during the fish-breeding and spawning seasons.		
ii.	Dredging, etc. shall be carried out in the confined manner to reduce the impacts on marine environment.	Dredging is conducted in a confined manner to minimize impacts on the marine environment.		
iii.	The dredging schedule shall be so planned that the turbidity developed is dispersed soon enough to	The dredging schedule is planned so that turbidity disperses		

Sr	Condition	Compliance	Anx	P
	prevent any stress on the fish population.	quickly, preventing stress on the fish population.		
iv.	While carrying out dredging, an independent monitoring shall be carried out through a Government Agency/Institute to assess the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.	The Monitoring reports are attached as **ANNEXURE VII.**	✓	
v.	A detailed marine biodiversity management plan shall be prepared through the NIO or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity and submitted to and implemented to the satisfaction of the State Biodiversity Board and the CRZ authority. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, sub-tidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standards survey methods	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	and include underwater photography.			
vi.	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components including all micro, macro and mega floral and faunal components of marine biodiversity.	PP complies with the condition.		
vii.	The project proponent shall ensure that water traffic does not impact the aquatic wildlife sanctuaries that fall along the stretch of the river.	PP ensures that Water traffic is managed carefully so that it does not impact aquatic wildlife.		
IX	**Public hearing and Human health issues:**			
i.	The work space shall be maintained as per international standards for occupational health and safety with provision of fresh air respirators, blowers, and fans to prevent any accumulation and inhalation of undesirable levels of pollutants including VOCs.	PP maintains proper safety and occupational health arrangements.		
ii.	Workers shall be strictly enforced to wear personal protective equipment's like	PP provides PPE to workers and maintains health		

Sr	Condition	Compliance	Anx	P
	dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.	and safety standards at site.		
iii.	In case of repair of any old vessels, excessive care shall be taken while handling Asbestos & Freon gas. Besides, fully enclosed covering should be provided for the temporary storage of asbestos materials at site before disposal to CTSDF.	PP complies with the condition.		
iv.	Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.	PP provides Safety training to workers regularly.		
v.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
vi.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	PP complies with the condition.		
vii.	Occupational health surveillance of the workers shall be done on a regular basis.	PP provides regular safety training and occupational health surveillance to workers.		
X	**Corporate Environment Responsibility:**			
i.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	environmental / forest / wildlife norms / conditions and / or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF& CC as a part of six-monthly report.			
ii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	PP has established an Environmental Management Cell with qualified staff for implementing environmental safeguards.		
iii.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	PP complies with the condition.		
iv.	Self-environmental audit shall be conducted annually. Every three years	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	third party environmental audit shall be carried out.			
XI	**Miscellaneous:**			
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	PP published the granted EC in the English daily "*Free Press Journal*" and Marathi daily "*Navshakti"* on 24 August 2020.	✓	
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	PP complies with the condition.		
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	same on half-yearly basis.			
iv.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	PP regularly submits a Six-monthly compliance report.		
v.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company	PP regularly submits six-monthly compliance reports and Form-V annually.		
vi.	The criteria pollutant levels namely; $PM_{2.5}$, PM_{10}, $S0_2$, NO_x (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	PP complies with the condition.		
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the	Noted.		

Sr	Condition	Compliance	Anx	P
	land development work and start of production operation by the project.			
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	PP complies with all stipulated conditions.		
ix.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF& CC).	PP will not carry out any expansion or modification without prior approval from MoEF&CC.		
x.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	PP ensures that all data submitted is accurate and factual.		
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PP complies with all stipulated conditions, and implementation is carried out satisfactorily.		
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	PP agrees to adhere to any additional conditions imposed by the Ministry and will implement them in a time-bound manner.		

Sr	Condition	Compliance	Anx	P
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	PP provides full cooperation to the Regional Office and submits all required information, data, and monitoring reports.		
xiv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 197 4, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter	PP complies with the Water Act, Air Act, Environment Protection Act, Hazardous Waste Rules, Public Liability Insurance Act, and all applicable legal provisions.		
xv.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	PP is aware that any appeal against the EC shall be made before the National Green Tribunal as per Section 16 of the NGT Act, 2010.		

Sr	Condition	Compliance	Anx	P
8	This issues with the approval of the Competent Authority.	PP acknowledges that this Environmental Clearance is issued with the approval of the Competent Authority.		

CONDITIONS OF CONSENT TO ESTABLISH (EXPANSION)

Consent order No: Format1.0/CC/UAN No.0000105351/CE-2107000798 Dated on 14/07/2021

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td>1.</td><td>The Consent to Establish is granted for a period up to commissioning of the unit or up to 5 years whichever is earlier.</td><td>PP agrees with the Consent condition.</td><td></td><td></td></tr>
<tr><td>2.</td><td>The capital investment of the project is Rs. 1061.56 Crs. (As per C.A. certificate submitted by industry Existing CI is Rs. 3.21 Crs + Expansion/Increase in CI Rs. 1058.35 Crs)</td><td>The C.A. certificate has been submitted to the Board.</td><td></td><td></td></tr>
<tr><td>3.</td><td>Consent is valid for handling of:
<table>
<tr><th>Sr</th><th>Product name</th><th>Maximum Quantity</th><th>UOM</th></tr>
<tr><td colspan="4">Products</td></tr>
<tr><td>1</td><td>Jetty: for Cargo handling, Handling of Coal, Sulphur, Bulk Cargo, Break Bulk cargo, Agro commodities, Clinker, Dolomite, Limestone, Pyroxenite, Iron ore Cement, Slag, Rock Phosphate, Bauxite, Steel Coils, Bitumen, Timber, Tiles, Mill Scales, Cotton, Liquid cargo (non- Hazardous) and Port Based Industries etc.</td><td>14</td><td>MT/A</td></tr>
</table></td><td>PP complies with the condition.</td><td></td><td></td></tr>
<tr><td>4.</td><td>Conditions under Water (P&CP), 1974 Act for Discharge of Effluent:</td><td>The 7.5 m³/day of sewage generated is</td><td></td><td></td></tr>
</table>

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td></td><td>
<table>
<tr><th>Sr</th><th>Description</th><th>Permitted (In CMD)</th><th>Standards to be achieved</th><th>Disposal</th></tr>
<tr><td>1.</td><td>Trade effluent</td><td>0</td><td>As per Schedule-I</td><td>Not Applicable</td></tr>
<tr><td>2.</td><td>Domestic effluent</td><td>31</td><td>As per Schedule-I</td><td>On land for gardening</td></tr>
</table>
</td><td>treated in the Sewage Treatment Plant of 10 m³/day capacity.</td><td></td><td></td></tr>
<tr><td>5.</td><td>Conditions under Air (P & CP) Act, 1981 for air emissions:
<table>
<tr><th>Sr</th><th>Stack No.</th><th>Description of Stack/ source</th><th>Number of Stack</th><th>Standard to be achieved</th></tr>
<tr><td>1</td><td>S-1</td><td>DG set [80 kVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>2</td><td>S-2</td><td>DG set [500 kVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>3</td><td>S-3</td><td>DG set [160 kVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>4</td><td>S-4</td><td>DG set [30 kVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>5</td><td>S-5</td><td>DG set [2000 kVA]</td><td>1</td><td>As per Schedule-II</td></tr>
</table>
</td><td>Monitoring of DG sets is conducted through a MoEF-recognized laboratory, and parameters are maintained within prescribed limits. Reports are attached as <u>ANNEXURE VII.</u></td><td>✓</td><td></td></tr>
<tr><td>6.</td><td>Non-Hazardous waste:
<table>
<tr><th>Sr</th><th>Type of Waste</th><th>Quantity</th><th>UoM</th><th>Treatment</th><th>Disposal</th></tr>
<tr><td>1</td><td>Biodegradable waste</td><td>89</td><td>Kg/day</td><td>Composting</td><td>Used as manure</td></tr>
<tr><td>2</td><td>Non-Biodegradable waste</td><td>59</td><td>Kg/day</td><td>Sale</td><td>Sale to authorized party</td></tr>
</table>
</td><td>Biodegradable waste is used as manure in the garden.

Non-biodegradable waste is segregated and sold to an authorized vendor.</td><td></td><td></td></tr>
<tr><td>7.</td><td>Conditions under Hazardous and other Wastes (M & TM) Rules, 2016 for treatment</td><td>Used oil is handed over to an</td><td></td><td></td></tr>
</table>

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td></td><td>and disposal of hazardous waste.
<table>
<tr><th>Sr</th><th>Category No./ Type</th><th>Quantity</th><th>UOM</th><th>Treatment</th><th>Disposal</th></tr>
<tr><td>1</td><td>5.2 Wastes or residues containing oil</td><td>0</td><td>MT/A</td><td>Sale to authorized preprocessor/CHWTSDF</td><td>Sale to authorized preprocessor/CHWTSDF</td></tr>
</table></td><td>authorized pre-processor.</td><td></td><td></td></tr>
<tr><td>8.</td><td>The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.</td><td>PP agrees with the Board’s conditions.</td><td></td><td></td></tr>
<tr><td>9.</td><td>This consent should not be constructed as exemption from obtained necessary NOC/permission from any other Government agencies.</td><td>PP has obtained the required NOCs and permissions.</td><td></td><td></td></tr>
<tr><td>10.</td><td>This consent is issued pursuant to the decision of the 23rd Consent Appraisal committee Meeting held on 17.03.2021.</td><td>PP complies with the condition.</td><td></td><td></td></tr>
<tr><td>11.</td><td>The applicant shall comply with the conditions of the Environment Clearance granted by MoEF, GOI vide letter No. J-16011/38/2001-IA-III dated 06.10.2003</td><td>PP complies with the EC conditions.</td><td></td><td></td></tr>
<tr><td>12.</td><td>The applicant shall comply with the conditions of the Environment Clearance</td><td>PP complies with the EC conditions.</td><td></td><td></td></tr>
</table>

Sr	Condition	Compliance	Anx	P
	granted by MoEF, GOI vide letter No. F. No. 10-70/2016-IA-III dated 20.08.2020			
13.	The applicant shall submit Environmental Management Plan in the Board.	PP has submitted EMP.		
14.	PP shall comply with conditions stipulated in EC and C to E and submit BG of Rs. 25 Lakhs towards compliance of the same.	PP has submitted a Bank Guarantee.		
15.	The waste generated due to proposed activity should not be disposed of in CRZ area,	Waste generated will be handed over to an authorized recycler.		
16.	No chemical products should be stored in the CRZ area except those permissible as per annexure of the CRZ Notification - 2011 and Amendments in thereto	PP complies with the condition.		
17.	The applicant shall prepare disaster management plan and shall be updated time to time	PP has prepared Disaster Management Plan.		
18.	The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual Commencement of the Unit/ Activity. (Establish)	PP has obtained Consent to Operate.		

CONSENT SCHEDULE-I

Terms & Conditions for Compliance of Water Pollution Control

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td>1.</td><td>A] Generation- As per your application the treated effluent generation is Nil.
B] Treatment- NA
C] Disposal- NA</td><td>Not Applicable</td><td></td><td></td></tr>
<tr><td>2.</td><td>A] As per your application, you have provided Sewage Treatment Plant of designed capacity 50 CMD for the treatment of 31 CMD of sewage.
B] The application shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.
<table>
<tr><th>Sr</th><th>Parameters</th><th colspan="2">Standards</th></tr>
<tr><td>1</td><td>pH</td><td>Not to exceed</td><td>5.5-9.0</td></tr>
<tr><td>2</td><td>BOD</td><td>Not to exceed</td><td>10</td></tr>
<tr><td>3</td><td>COD</td><td>Not to exceed</td><td>50</td></tr>
<tr><td>4</td><td>TSS</td><td>Not to exceed</td><td>20</td></tr>
<tr><td>5</td><td>NH4 N</td><td>Not to exceed</td><td>5</td></tr>
<tr><td>6</td><td>N-total</td><td>Not to exceed</td><td>10</td></tr>
<tr><td>7</td><td>Fecal Coliform</td><td>Not to exceed</td><td>Less than 100</td></tr>
</table>
C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise</td><td>Standard parameters are being achieved.</td><td></td><td></td></tr>
</table>

Sr	Condition	Compliance	Anx	P
	after confirming above standards. In no case, sewage shall find its way for gardening/ outside factory premises.			
3.	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.	PP will not make any change or alteration without prior Environmental Clearance and Board's permission.		
4.	The industry shall ensure replacement of pollution control system or its part after expiry of its expected life as defined by manufacture so as to ensure the compliance of the standards and safety of the operation thereof.	PP will replace the pollution-control system or its parts before the expiry of their expected life.		
5.	The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other	Water consumption is within the permissible limit.		

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td></td><td>provisions as contained in the said act:
<table>
<tr><th>Sr</th><th>Purpose for water consumed</th><th>Water consumption quantity (CMD)</th></tr>
<tr><td>1.</td><td>Industrial Cooling, spraying in mine pits or boiler feed</td><td>40.00</td></tr>
<tr><td>2.</td><td>Domestic purpose</td><td>33.00</td></tr>
<tr><td>3.</td><td>Processing whereby water gets polluted & pollutants are easily biodegradable</td><td>0.00</td></tr>
<tr><td>4.</td><td>Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic</td><td>0.00</td></tr>
<tr><td>5.</td><td>Gardening</td><td>0</td></tr>
</table></td><td></td><td></td><td></td></tr>
<tr><td>6.</td><td>The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/CREP guidelines.</td><td>PP has provided specific air-pollution control equipment as per the conditions of the EP Act, 1986.</td><td></td><td></td></tr>
</table>

CONSENT SCHEDULE-II

Terms & Conditions for Compliance of Air Pollution Control:

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td>1.</td><td>As per your application, you have proposed to provide the Air Pollution Control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-
<table>
<tr><th>Stack No.</th><th>Stack Attached To</th><th>APC System</th><th>Height In Mtrs.</th><th>Type of Fuel</th><th>S %</th><th>Pollutant</th><th>Standard</th></tr>
<tr><td>S-1</td><td>DG set [80 kVA]</td><td>Acoustic Enclosure</td><td>3.0</td><td>Diesel 6.25 Kg/HR</td><td>1</td><td>SO_2</td><td>3.0 Kg/day</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>Other</td><td>-</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>Other</td><td>-</td></tr>
<tr><td>S-2</td><td>DG set [500 kVA]</td><td>Acoustic Enclosure</td><td>5.0</td><td>Diesel 41.66 Kg/HR</td><td>1</td><td>SO2</td><td>19.99 Kg/day</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>Other</td><td>-</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>Other</td><td>-</td></tr>
</table></td><td>PP has been provided Specific Air Pollution control equipment's as per the conditions of EP Act, 1986.</td><td></td><td></td></tr>
</table>

Sr	Condition								Compliance	Anx	P
	S-3	DG set [160 kVA]	Acoustic Enclosure	3.0	Diesel 12.5 Kg/HR	1	SO2	6.0 Kg/day			
							Other	-			
							Other	-			
	S-4	DG set [30 kVA]	Acoustic Enclosure	3.0	Diesel 2.08 Kg/HR	1	SO2	1.0 Kg/day			
							Other	-			
							Other	-			
	S-5	DG set [2000 kVA]	Acoustic Enclosure	5.0	Diesel 400 Kg/HR	1	SO2	192 Kg/day			
							Other	-			
							Other	-			
2.	The Applicant shall provide Specific Air Pollution control equipment's as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/CREP guidelines.								PP has provided specific air-pollution control equipment as per the conditions of the EP Act, 1986.		

Sr	Condition	Compliance	Anx	P
3.	The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to end or erection of new pollution control equipment.	PP will obtain prior permission before installing any additional pollution-control equipment.		
4.	The Board reserves its rights to vary all or any of the conditions in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment. other in whole or in part is necessary).	PP complies with the Board's conditions.		
5.	The trucks will be covered with tarpaulin sheets to prevent coal from spilling/ creating air pollution nuisance during coal transportation.	Tarpaulin sheets are provided to trucks to prevent dust dispersion.		
6.	To mitigate the dust emission during loading of cargos such as coal; 1] Mix of truck movement and conveyor system shall be considered for cargo movement between the barges to storage area. 2]Grab unloaders or clamp shell buckets shall be provided to reduce dust, spillage, handling loss etc.	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	during cargo loading on trucks.			
7.	During cargo handling the dust shall be controlled by using water foggers. Wind screens shall be used to reduce fugitive emission, stock piles, excavated earthen material etc. shall be managed with water sprinkling to avoid dust being airborne from the specific site.	PP complies with the condition.		
8.	PP shall implement Traffic Management plan and recommendations as per the PNP Port Expansion Traffic Impact Study of October 2018	PP complies with the condition.		
9.	The PP shall ensure that fugitive emission from the activity are control so as to maintain clean and safe environment in and around the port premises.	PP will maintain a clean and safe environment around the port premises.		
10.	All entry point, internal roads and loading/ unloading area must be road worthy for movement of heavy vehicles by using low permeability material (Concrete or bitumen) and be cleaned regularly to minimize potential for dust generation and off-site impact.	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
11.	PP shall implement Traffic Management Study Report of October 2018.	PP complies with the condition.		
12.	The Coal from jetty shall be removed using close system to control dust/fugitive emissions and shall meet the standards that may be prescribed. The side wall of 5-meter height shall be provided and for the dust suppression, water sprinkling arrangement of water pressure of minimum 4 Kg/cm shall be maintained during lading of coal on trucks at coal storage yard. The entire operation of coal handling shall be done with operating dust and wind suppression equipment's and monitoring of ambient air quality as per guidelines of the board. The handling of coal shall be done as per the Environmentally Sound management. The qty of coal to be handled will be assessed based on the stockyard size, maximum permissible safe height, dwell time, mode of evacuation and the capacity of roads to evacuate the traffic induced. PP shall submit designed details of pollution control system proposed for coal.	All precautionary measures are taken to mitigate dust and pollution.		

Sr	Condition	Compliance	Anx	P
13.	PP shall achieve the National Ambient Air Quality Standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated 18.11.2009 as amended	PP complies with the condition.		

CONSENT SCHEDULE-III

Details of Bank Guarantees

Sr	Consent (C2E/C2O)/C2R)	Amt of BG imposed	Submission on period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 25 lakhs	15 days	Towards compliance of Environment clearance and Consent to Establish conditions	Continuous	30/04/2026

**The above Bank Guarantee (s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++The Bank Guarantee (s) shall be valid for a period up to: Validity of consent + 4 month.

BG Forfeiture History

Sr	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return Details

Sr	Consent (C2E/C2O/C2R)	BG Imposed	Submission Period	Purpose of BG	Amount of BG Returned
NA					

CONSENT SCHEDULE-IV

General Conditions

Sr	Condition	Compliance	Anx	P
1.	The Energy source for lighting purpose shall preferably be LED based	LED lighting is being provided at the site.		
2.	The PP shall harvest rainwater from roof tops of the building and Storm water drains to the recharge the ground water and utilize the same for different industrial applications within the plant	The rainwater harvesting system has been provided.		
3.	**Conditions for D.G. Set:**			
	a) Noise from the D.G. set should be controlled by providing an acoustic enclosure or by treating the room acoustically. b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5	Acoustic enclosures have been provided to the DG sets. The DG sets installed comply with the manufacturer's recommendations. The DG set will be operated only in case of a power failure.		

Sr	Condition	Compliance	Anx	P
	meters from acoustic enclosure/room and then average. c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m. d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures. e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.			

Sr	Condition	Compliance	Anx	P
	g) D.G. Set shall be operated only in case of power failure. h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set. i) The applicant shall comply with the notification of MoEF dates 17.05.2002 regarding noise limit for generator sets run with diesel.			
4.	The applicant shall maintain good housekeeping.	Proper housekeeping practices are followed.		
5.	The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance/ pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.	PP manages non-hazardous waste as per norms.		
6.	The applicant shall not change or alter the quantity, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out	PP will not change or alter the quantity or rate of discharge of effluent and emissions without prior approval.		

Sr	Condition	Compliance	Anx	P
	any activity, for which this consent has not been granted/without prior consent of the Board.			
7.	The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.	PP maintains a clean and safe environment in and around the factory premises.		
8.	The industry shall submit quarterly statement in respect of industries obligations towards consent and pollution control compliance duly supported with documentary evidences (format can be downloaded from MPCB official site)	PP complies with the condition.		
9.	The industry shall submit official e-mail address and any change will be duly informed to MPCB.	An official e-mail address has been submitted to the Board.		
10.	The industry shall achieve the National Ambient Air Quality Standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated 18.11.2009 as amended.	Regular monitoring has been carried out by a MoEF-recognized laboratory. The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	
11.	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks	PP agrees with the Board's conditions.		

Sr	Condition	Compliance	Anx	P
	for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.			
12.	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	PP will replace the pollution-control system or its parts before the expiry of their expected life.		
13.	The PP shall provide personal protection equipment as per norms of the Factory Act	PP provides PPE to all workers at the site.		
14.	Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.	Regular monitoring has been carried out by a MoEF-recognized laboratory. The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	
15.	Whenever due to any accident or other unforeseen act or even emissions occur	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In ae of failure of pollution control equipment, the production process connected to it shall be stopped.			
16.	The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, consent	A DG set has been provided at the site for power backup during failures.		
17.	The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M& TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for landfilling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	incineration and landfill site/environment.			
18.	An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.	The inspection book will be made available to the Board's officer during site visits.		
19.	Industry shall strictly comply with Water (P&PC) Act, 1974, Air (P&CP) Act 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).	PP complies with the Water (P&CP) Act, 1974; Air (P&CP) Act, 1981; Environment Protection Act, 1986; and industry-specific standards under EP Rules, 1986.		
20.	Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	A separate drainage system is provided, ensuring that no external effluent enters the collection system.		
21.	Neither storm water nor discharge from other premises shall be allowed to mix the effluent from the factory.	Wastewater and stormwater are kept separate and do not mix with the effluent.		

Sr	Condition	Compliance	Anx	P
22.	The industry should not cause any nuisance in surrounding area.	The industry will not cause any nuisance in the surrounding area.		
23.	The industry shall take adequate measure for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 db(A) during day time and 70 db(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.	Ambient noise levels will be monitored. Construction activities are not carried out at night. Noise-reduction measures are implemented during the construction phase.		
24.	The industry shall create the Environment Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day-to-day activities related to Environment and irrigation field where treated effluent is used for irrigation	An Environmental Cell is established and is responsible for implementing the EMP at the project site.		
25.	The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	numbers such as S-1, S-2 etc. and these shall be painted /displayed to facilitate identification.			
26.	The industry should comply with the Hazardous and Other Wastes (M&TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20 (2) of Hazardous and other Wastes (M& TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.	Form IV is submitted regularly by 30th June every year.		
27.	The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.	Separate meters have been provided for monitoring energy consumption.		
28.	The applicant shall bring minimum 33% of the available open land under green coverage/plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.	A greenbelt has been developed with nearly 2,000 trees planted. Trees are planted as per CPCB guidelines.		

Sr	Condition	Compliance	Anx	P
29.	The Board reserves its right to review plans, specifications or other data relating to plant setup for the treatment of waterworks for purification thereof & the system for disposal of sewage or trade effluent or in connection with the grant of any consent conditions.	PP complies with the Board's conditions.		
30.	The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules,1992.	Form V is submitted regularly.		
31.	The Applicant shall obtain necessary prior permissions for providing additional control equipment with necessary specification and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.	PP has obtained the required NOCs and permissions.		
32.	The Board reserves its rights to vary all or any of the conditions in the consent, if due to any technological improvement or otherwise such variation (including the change of any control	PP complies with the Board's conditions.		

Sr	Condition	Compliance	Anx	P
	equipment, other in whole or in part is necessary).			
33.	The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents. air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay the Board for the services rendered in this behalf.	A facility for sample collection has been provided.		

CONDITIONS OF CONSENT TO OPERATE

Consent order No: Format1.0/CAC/UAN No.MPCB CONSENT-0000235394/CO/2508003682 dated 28/08/2025

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td>1.</td><td>The consent to operate is granted for a period up to 31/12/2026.</td><td>PP agrees with the condition.</td><td></td><td></td></tr>
<tr><td>2.</td><td>The capital investment of the project is Rs. 232.82 Crs. (As per C.A. certificate submitted by industry existing CI is Rs 73.66 Crs +Part Expansion CI Rs.156.16 Crs)</td><td>The C.A. certificate has been submitted to the Board.</td><td></td><td></td></tr>
<tr><td>3.</td><td>Consent is valid for handling of:
<table>
<tr><th>Sr</th><th>Product name</th><th>Maximum Quantity</th><th>UOM</th></tr>
<tr><td colspan="4">Products</td></tr>
<tr><td>1</td><td>Jetty: for Cargo handling, Handling of Coal, Sulphur, Bulk Cargo, Break Bulk cargo, Agro commodities, Clinker, Dolomite, Limestone, Pyroxenite, Iron ore Cement, Slag, Rock Phosphate, Bauxite, Steel Coils, Bitumen, Timber, Tiles, Mill Scales, Cotton</td><td>8</td><td>MT/A</td></tr>
</table></td><td>PP complies with the condition.</td><td></td><td></td></tr>
<tr><td>4.</td><td>Conditions under Water (P&CP), 1974 Act for Discharge of Effluent:</td><td>No trade effluent is generated, and PP complies with the condition.</td><td></td><td></td></tr>
</table>

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td></td><td>
<table>
<tr><th>Sr</th><th>Description</th><th>Permitted (In CMD)</th><th>Standards to be achieved</th><th>Disposal</th></tr>
<tr><td>1.</td><td>Trade effluent</td><td>0.00</td><td>As per Schedule-I</td><td>Not Applicable</td></tr>
<tr><td>2.</td><td>Domestic effluent</td><td>13.80</td><td>As per Schedule-I</td><td>On land for gardening</td></tr>
</table>
</td><td>Domestic sewage is treated in the 20 CMD STP as per Schedule-I standards, and the treated water is reused for gardening within the premises.</td><td></td><td></td></tr>
<tr><td>5.</td><td>Conditions under Air (P & CP) Act, 1981 for air emissions:
<table>
<tr><th>Sr</th><th>Stack No.</th><th>Description of Stack/ source</th><th>Number of Stack</th><th>Standard to be achieved</th></tr>
<tr><td>1</td><td>S-1</td><td>DG Set [82.50 KVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>2</td><td>S-2</td><td>DG set [500 KVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>3</td><td>S-3</td><td>DG set [160 KVA]</td><td>1</td><td>As per Schedule-II</td></tr>
<tr><td>4</td><td>S-4</td><td>DG set [30 KVA]</td><td>1</td><td>As per Schedule-II</td></tr>
</table>
</td><td>Not applicable.</td><td></td><td></td></tr>
<tr><td>6.</td><td>Non-Hazardous waste:
<table>
<tr><th>Sr</th><th>Type of Waste</th><th>Quantity</th><th>UoM</th><th>Treatment</th><th>Disposal</th></tr>
<tr><td>1</td><td>Biodegradable waste</td><td>19.07</td><td>Kg/Day</td><td>Composting</td><td>Used as manure</td></tr>
</table>
</td><td>Not applicable.</td><td></td><td></td></tr>
</table>

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td></td><td>
<table>
<tr><td>2</td><td>Non-Biodegradable waste</td><td>12.60</td><td>Kg/Day</td><td>Sale</td><td>Sale to authorized party</td></tr>
</table>
</td><td></td><td></td><td></td></tr>
<tr><td>7.</td><td>Conditions under Hazardous and other Wastes (M & TM) Rules, 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste
<table>
<tr><th>Sr</th><th>Category No./Type</th><th>Quantity</th><th>UOM</th><th>Treatment</th><th>Disposal</th></tr>
<tr><td>1</td><td>5.2 Wastes or residues containing oil</td><td>507</td><td>MT/A</td><td>Incineration/ Co-Processing</td><td>CHWTSDF/ HW for coprocessing shall be routed throughpre processing at CHWTSDF</td></tr>
</table>
</td><td>PP handles all hazardous waste as per the Rules and sends it for authorized recycling, incineration, or co-processing through CHWTSDF after required preprocessing.</td><td></td><td></td></tr>
</table>

Sr	Condition						Compliance	Anx	P
	2.	33.1 Empty barrels/ containers /liners contaminated with hazardous chemicals/wastes	5.0	MT/A	Recycle	Sale to authorized party / CHWTSDF			
	3	33.2 Contaminated cotton rags or other cleaning materials	500	MT/A	Incineration/ Co-Processing	CHWTSDF/ HW for coprocessing shall be routed through			
8.	The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.						PP complies with the Board's conditions.		
9.	This consent should not be constructed as exemption from obtained necessary NOC/permission from any other Government authorities.						PP has obtained the required NOCs and permissions.		
10.	The industry shall obtain necessary permission for the						PP will apply for the renewal of consent at least 60		

Sr	Condition	Compliance	Anx	P
	Safety and Health from concern authority	days before its expiry.		
11.	The applicant shall prepare disaster management plan and shall be updated time to time.	The conditions given in the CRZ clearance dated 06/10/2003 are being complied with.		
12.	The applicant shall submit Environmental Management Plan in the Board.	The conditions given in the Environmental Clearance & CRZ Clearance dated 20/08/2020 are being complied with.		
13.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.	PP is providing appropriate Air Pollution Control (APC) systems at all dust-generating points and will continue to control fugitive dust to meet the prescribed emission standards.		
14.	The waste generated due to proposed activity should not be disposed off in CRZ area	PP ensures that no waste generated from the ongoing construction activity is disposed of in the CRZ area.		
15.	The project proponent shall comply with the air pollution mitigation measures submitted during the environmental clearance	PP is implementing all approved air-pollution mitigation measures and ensures that no		

Sr	Condition	Compliance	Anx	P
	process and ensure that no nuisance of any kind is caused in the surrounding area due to the said activity	nuisance is caused in the surrounding area.		
16.	The applicant shall comply with the conditions of the Environmental Clearance granted by MOEF, GOI, vide letter No. J-16011/38/2001-IA-III dated 06.10.2003.	PP complies with the conditions of the Environmental Clearance dated 06.10.2003.		
17.	The applicant shall comply with the conditions of the Environmental Clearance granted by MOEF, GOI, vide letter No. F.No.10-70/2016-IA-III dated 20.08.2020.	PP complies with the conditions of the Environmental Clearance dated 20.08.2020.		
18.	Guidelines for preprocessing and co-processing of Hazardous and Other Wastes in cement plants as per H & OW(M&MT) Rules,2016 prepared by CPCB shall be strictly followed.	PP strictly follows CPCB guidelines for preprocessing and co-processing of hazardous and other wastes as per H&OW (M&TM) Rules, 2016.		
19.	PP shall strictly follow the provisions of the Hazardous and Other Wastes (M& TM) Rules, 2016.	PP strictly follows the provisions of the Hazardous and Other Wastes (M&TM) Rules, 2016.		
20.	Consent shall be issued with overriding effect on earlier granted consent vide Format1.0/CC/UAN No. 0000103714/CR-2104001333 dtd. 27/04/2021.	PP noted		

Sr	Condition	Compliance	Anx	P
21.	The project proponent shall not take any steps towards Liquid cargo handling till obtaining prior permission/consent from MPC Board	PP will not undertake any liquid cargo handling until prior permission/consen t is obtained from MPCB.		
22.	This consent is issued pursuant to the decision of the 5th Consent Appraisal Committee (CAC) Meeting of 2025-26 (Booklet No. 5) held on dtd. 29.07.2025	PP notes that this consent is issued as per the 5th CAC Meeting held on 29.07.2025.		
23.	The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.	PP will obtain Consent to Operate from MPCB before actual commencement of the unit/activity.		
24.	The industry shall create an Environment Cell by appointing an Environmental Engineer OR Expert for looking after day-to-day activities related to Environment OR Pollution control.	PP is creating an Environment Cell with a qualified Environmental Engineer/Expert to manage day-to-day environmental and pollution-control activities.		

CONSENT SCHEDULE-I

Terms & Conditions for Compliance of Water Pollution Control

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td>1.</td><td>A] Generation- As per your application the treated effluent generation is Nil.
B] Treatment- NA
C] Disposal- NA</td><td>Not Applicable</td><td></td><td></td></tr>
<tr><td>2.</td><td>A] As per your application, you have provided Sewage Treatment Plant of designed capacity 20 CMD for the treatment of 7.513.80 CMD of sewage.
B] The application shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.
<table>
<tr><th>Sr</th><th>Parameters</th><th colspan="2">Standards</th></tr>
<tr><td>1</td><td>pH</td><td>Not to exceed</td><td>5.5-9.0</td></tr>
<tr><td>2</td><td>BOD 3 days 27oC</td><td>Not to exceed</td><td>10 mg/l</td></tr>
<tr><td>3</td><td>COD</td><td>Not to exceed</td><td>50 mg/l</td></tr>
<tr><td>4</td><td>TSS</td><td>Not to exceed</td><td>20 mg/l</td></tr>
<tr><td>5</td><td>NH4 N</td><td>Not to exceed</td><td>5 mg/l</td></tr>
<tr><td>6</td><td>N-total</td><td>Not to exceed</td><td>10 mg/l</td></tr>
<tr><td>7</td><td>Fecal Coliform</td><td>Not to exceed</td><td>Less than 100</td></tr>
</table>
C] The treated sewage shall be recycled for secondary</td><td>PP operates the 20 CMD STP to meet all prescribed standards, reuses treated sewage for secondary purposes, and uses the surplus for gardening with no discharge outside the premises.</td><td></td><td></td></tr>
</table>

Sr	Condition	Compliance	Anx	P
	purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside from port premises.			
3.	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.	PP agrees with the Board's conditions.		
4.	The industry shall ensure replacement of pollution control system or its part after expiry of its expected life as defined by manufacture so as to ensure the compliance of the standards and safety of the operation thereof.	PP will replace the pollution control system or its parts before the expiry of their expected life.		
5.	The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and	Water consumption is maintained under the permissible limit.		

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td></td><td>as amended, by installing water meters and other provisions as contained in the said act:
<table>
<tr><th>Sr</th><th>Purpose for water consumed</th><th>Water consumption quantity (CMD)</th></tr>
<tr><td>1</td><td>Industrial Cooling, spraying in mine pits or boiler feed</td><td>18.57</td></tr>
<tr><td>2</td><td>Domestic purpose</td><td>17.07</td></tr>
<tr><td>3</td><td>Processing whereby water gets polluted & pollutants are easily biodegradable</td><td>0.00</td></tr>
<tr><td>4</td><td>Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic</td><td>0.00</td></tr>
<tr><td>5</td><td>Gardening</td><td>10.00</td></tr>
</table></td><td></td><td></td><td></td></tr>
<tr><td>6.</td><td>The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/CREP guidelines.</td><td>PP has been provided with a specific Water Pollution Control system as per the conditions of the EP Act, 1986.</td><td></td><td></td></tr>
</table>

CONSENT SCHEDULE-II

Terms & Conditions for Compliance of Air Pollution Control:

<table>
<tr><th>Sr</th><th>Condition</th><th>Compliance</th><th>Anx</th><th>P</th></tr>
<tr><td>1.</td><td>As per your application, you have proposed to provide the Air Pollution Control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-
<table>
<tr><th>Stack No.</th><th>Source</th><th>APC System provided / proposed</th><th>Stack Height (in mtr)</th><th>Type of Fuel</th><th>Sulphure Content (in %)</th><th>Pollutant</th><th>Standard</th></tr>
<tr><td>S-1</td><td>DG set[825 KVA]</td><td>Acoustic Enclosure</td><td>3.00</td><td>Diesel6.25Kg/Hr</td><td>1</td><td>SO2</td><td>3.0Kg/Day</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>TPM</td><td>150 Mg/Nm3</td></tr>
<tr><td>S-2</td><td>DG set[500 KVA]</td><td>Acoustic Enclosure</td><td>5.00</td><td>Diesel41.66 Kg/Hr</td><td>1</td><td>SO2</td><td>19.99Kg/Day</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>TPM</td><td>150 Mg/Nm3</td></tr>
</table></td><td>Not applicable.</td><td></td><td></td></tr>
</table>

Sr	Condition								Compliance	Anx	P
	S-3	DG set[160 KVA]	Acoustic Enclosure	3.00	Diesel12.5Kg/Hr	1	150 Mg/Nm3	6 Kg/Day			
							TPM	150 Mg/Nm3			
	S-4	DG set[30KVA]	Acoustic Enclosure	3.00	Diesel2.08Kg/Hr	1	SO2	1.0Kg/Day			
							TPM	150 Mg/Nm3			
	PP shall ensure National Ambient Air Quality Standards vide dtd. 18th November, 2009										
2.	The Applicant shall provide Specific Air Pollution control equipment's as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/CREP guidelines.								PP has provided specific Air Pollution Control equipment as per the conditions of the EP Act, 1986.		
3.	The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.								PP will obtain prior permission before adding, altering, or replacing any pollution control equipment, and will ensure all specifications are approved in advance.		

Sr	Condition	Compliance	Anx	P
4.	The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment other in whole or in part in necessary)	PP complies with the Board's conditions.		

CONSENT SCHEDULE-III

Details of Bank Guarantees

Sr	Consent (C2E/C2O)/C2R)	Amt of BG imposed	Submission on period	Purpose of BG	Compliance Period	Validity Date
1	1st Consent to Establish	Rs. 25 lakhs	15 days	Towards compliance of Environment clearance and Consent to Establish conditions	31/12/2026	31/12/2027

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No.BO/MPCB/AS(T)/Circular/B-240229FTS0122.

BG Forfeiture History

Sr	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return Details

Sr.	Consent (C2E/C2O/C2R)	BG Imposed	Submission Period	Purpose of BG	Amount of BG Returned
NA					

CONSENT SCHEDULE-IV

General Conditions

Sr	Condition	Compliance	Anx	P
1.	The Energy source for lighting purpose shall preferably be LED based.	Yes, LED lighting is being provided.		
2.	The PP shall harvest rainwater from roof tops of the building and Storm water drains to the recharge the ground water and utilize the same for different industrial applications within the plant.	Rainwater harvesting system is being provided.		
3.	**Conditions for D.G. Set:**			
	a) Noise from the D.G Set Should be controlled by providing an acoustic enclosure or by treating the room acoustically. b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 db(A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 db(A) shall be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic	PP provides acoustic enclosures for all DG sets as required. PP installs acoustic enclosures and exhaust mufflers achieving 25 dB(A) insertion loss or meeting ambient noise standards.		

Sr	Condition	Compliance	Anx	P
	enclosure/room and then average. c) Industry should make efforts to bring down noise level due to D.G set, outside industrial premises, within ambient noise requirement by proper sitting and control measures. d) Installation of D.G Set must be strictly in compliance with recommendations of D.G Set manufacturer. e) proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use f) . DG Set shall be operated only in case of power failure. g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set h) The applicant shall comply with the notification of MoEFCC, India on Environment(Protection) second Amendment Rules vide GSR 371(E) dated	PP ensures proper DG-set siting and noise-control measures to meet boundary noise limits. PP installs DG sets strictly as per manufacturer guidelines. PP follows routine and preventive maintenance to control DG-set noise. PP operates DG sets only during power failure. PP ensures no nuisance is caused in the surrounding area due to DG-set operation. PP complies with MoEFCC noise-limit rules under GSR 371(E).		

Sr	Condition	Compliance	Anx	P
	17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.			
4.	The applicant shall maintain good housekeeping.	Proper housekeeping practices are being followed.		
5.	The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance/ pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.	PP maintains a clean and safe environment in and around the factory premises.		
6.	The applicant shall not change or alter the quantity, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.	PP will not change or alter the quantity of effluent/emission.		
7.	The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.	PP will maintain clean and safe environment in and around the factory premises.		

Sr	Condition	Compliance	Anx	P
8.	The industry shall submit quarterly statement in respect of industries obligations towards consent and pollution control compliance duly supported with documentary evidences (format can be downloaded from MPCB official site)	PP complies with the condition.		
9.	The industry shall submit official e-mail address and any change will be duly informed to MPCB.	PP has submitted an official e-mail address to the Board.		
10.	The industry shall achieve the National Ambient Air Quality Standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated 18.11.2009 as amended.	Regular monitoring has been carried out by a MoEF-recognized laboratory. The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	
11.	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal	PP agrees with the Board's conditions.		

Sr	Condition	Compliance	Anx	P
	system or an extension or addition thereto.			
12.	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	PP will replace the pollution control system or its parts before the expiry of their expected life.		
13.	The PP shall provide personal protection equipment as per norms of the Factory Act	PP provides PPE to all workers at the site.		
14.	Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.	Regular monitoring has been carried out by a MoEF-recognized laboratory. The Monitoring report for April 2025 to September 2025 is attached as **ANNEXURE VII.**	✓	
15.	Whenever due to any accident or other unforeseen act or even emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In ae of failure of pollution control equipment,	PP complies with the condition.		

Sr	Condition	Compliance	Anx	P
	the production process connected to it shall be stopped.			
16.	The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, consent	D.G. set of 500 kVA is provided on-site for backup in case of power failure.		
17.	The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M& TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for landfilling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.	PP complies with the condition.		
18.	An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.	The inspection book is maintained and made available to the Board's officers during site visits.		
19.	Industry shall strictly comply with water (P&PC)	PP complies with the Water (P&CP)		

Sr	Condition	Compliance	Anx	P
	Act, 1974, Air (P&CP) Act 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).	Act, 1974, Air (P&CP) Act, 1981, Environmental Protection Act, 1986, and industry-specific standards under EP Rules, 1986.		
20.	Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	A separate drainage system is provided, and no external effluent is admitted into the collection system.		
21.	Neither storm water nor discharge from other premises shall be allowed to mix the effluent from the factory.	Wastewater and stormwater are not allowed to mix with the effluent.		
22.	The industry should not cause any nuisance in surrounding area.	The industry does not cause any nuisance in the surrounding area.		
23.	The industry shall take adequate measure for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less	Ambient noise levels are being monitored. Construction activities are not carried out during night-time, and		

Sr	Condition	Compliance	Anx	P
	than 75 db(A) during day time and 70 db(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.	efforts are taken to reduce noise levels during the construction phase.		
24.	The industry shall create the Environment Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day-to-day activities related to Environment and irrigation field where treated effluent is used for irrigation	An Environment Cell is created and is responsible for implementing the Environment Management Plan on-site.		
25.	The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2 etc. and these shall be painted /displayed to facilitate identification.	PP complies with the condition.		
26.	The industry should comply with the Hazardous and Other Wastes (M&TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20 (2) of Hazardous and other Wastes (M& TM) Rules,	Form IV is regularly submitted by 30th June every year.		

Sr	Condition	Compliance	Anx	P
	2016 for the preceding year April to March in Form-IV by 30th June of every year.			
27.	The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.	Separate meters are provided for energy consumption.		
28.	The applicant shall bring minimum 33% of the available open land under green coverage/plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.	Green Belt is being developed with nearly 2,000 trees planted. Trees are planted as per CPCB guidelines.		
29.	The Board reserves its right to review plans, specifications or other data relating to plant setup for the treatment of waterworks for purification thereof & the system for disposal of sewage or trade effluent or in connection with the grant of any consent conditions.	PP complies with the consent conditions.		
30.	The firm shall submit to this office, the 30th day of September every year, the	Form V is submitted regularly.		

Sr	Condition	Compliance	Anx	P
	Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules,1992.			
31.	The Applicant shall obtain necessary prior permissions for providing additional control equipment with necessary specification and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.	PP will obtain the required NOCs and permissions for providing additional pollution control equipment.		
32.	The Board reserves its rights to vary all or any of the conditions in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).	PP agrees with the Board's conditions.		
33.	The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents. air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay the Board for the services rendered in this behalf.	A facility for sample collection is provided at the site.		

ANNEXURE I

Previous Compliance Report Acknowledgement Copy

Gmail Ajeet Thakur MAHABAL ENVIRO MD <mahabal.thane@gmail.com>

PNP Maritime Services Private Limited_EC Compliance Monitoring Report Submission_October 2024 to March 2025

1 message

mahabal.thane@gmail.com <mahabal.thane@gmail.com> Mon, May 26, 2025 at 10:20 AM
To: eccompliance-mh@gov.in, vijay.patil@nic.in, ms@mpcb.gov.in, SRO Raigad 2 <sroraigad2@mpcb.gov.in>
Bcc: Siddharth <siddharth@pnpport.com>, Yuvraj <yuvraj.b@pnpport.com>, Ajeet Kumar Sir <mahabal.cmd@gmail.com>, Manasi MAHABAL Bobade <manasibobade21@gmail.com>

To,
Respected Sir/Madam,

As per MoEF Notification dated 26.11.2018 "In the said notification, in paragraph 10, in sub-paragraph (ii) for the words "hard and soft copies", the words "soft copy" shall be substituted".

With reference to the above please find the attached half-yearly Compliance & Monitoring report for the period of October 2024 to March 2025 of the project "PNP Port" at Gut No. 346, Dharamtar Creek, Village Shahbaj, District Raigad by M/s PNP Maritime Services Private Limited.

Period: October 2024 to March 2025

Regards,

= Ajinkya Mali = 913080 7179 = mahabal.thane@gmail.com
= Manasi Bobade = 968942 0343 = manasibobade21@gmail.com
= R.B.Mahabal = 740011 6222 = mahabal60@gmail.com
==========
Office of: **Mahabal Enviro Engineers Pvt. Ltd.- THANE BRANCH**
Plot F 7, Road 21, MIDC Wagle Estate, Thane West-400604
(Turn opp. Toyota showroom @ Golden Nest Hotel >>straight>> 550m)
Email: mahabal.thane@gmail.com

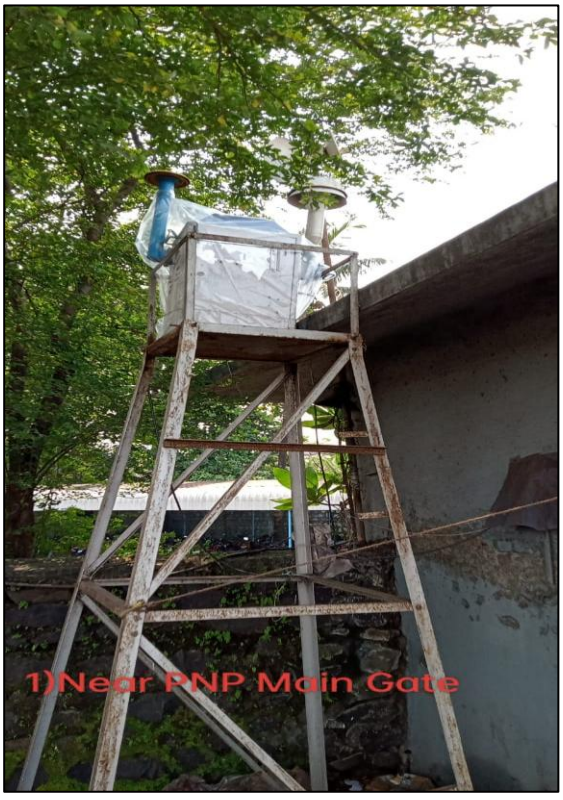
PNP Maritime Compliance Report (October 2024 to March 2025).pdf
9067K

ANNEXURE II

Site Photographs

Project site

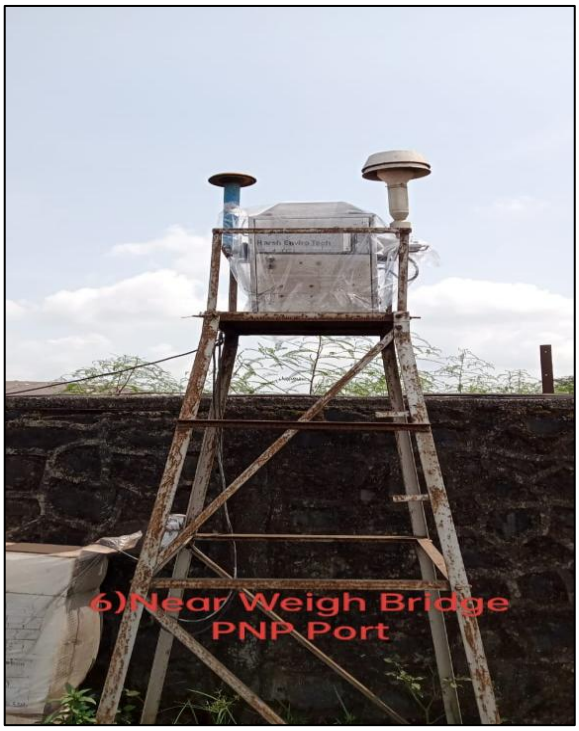
Monitoring System




3) Near Jetty No.3 PNP Port


4)Near Jetty No.3 PNP Port


5)Near Jetty No.5 PNP Port


6)Near Weigh Bridge PNP Port

Drinking Water Facility

First Aid Kit

Water Tank

ANNEXURE III

Advertisements

English Newspaper "Free Press Journal" Dated 24/08/2022

Pak ex-envoy to Indonesia sold embassy bldg illegally

US braces for storms Marco, Laura

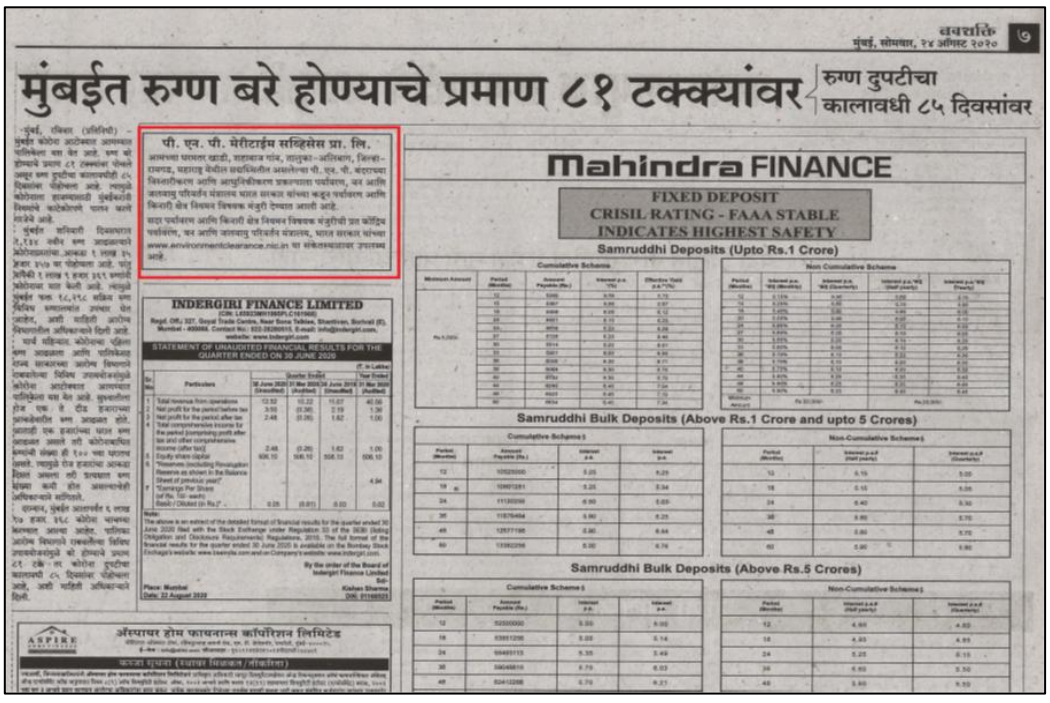
Finland PM to head her party too

"PUBLIC WORKS DEPARTMENT" (GOVT. OF MAHARASHTRA)

Our proposed Environmental clearance for Redevelopment of Metropolitan Magistrate Court and City Civil & Session Court building on plot bearing C. S. No. 372, At Mazagaon, Mumbai Maharashtra was accorded the Environmental Clearance from the Environment Department, Government of Maharashtra.

"PNP MARITIME SERVICES PVT. LTD."

Marathi Newspaper "Navshakti" Dated 24/08/2022



मुंबईत रुग्ण बरे होण्याचे प्रमाण ८१ टक्क्यांवर

रुग्ण दुपटीचा कालावधी ८५ दिवसांवर

Mahindra FINANCE

FIXED DEPOSIT
CRISIL RATING - FAAA STABLE
INDICATES HIGHEST SAFETY

Samruddhi Deposits (Upto Rs.1 Crore)

Samruddhi Bulk Deposits (Above Rs.1 Crore and upto 5 Crores)

Samruddhi Bulk Deposits (Above Rs.5 Crores)

ANNEXURE IV

Environmental Clearance Letter

F.No. 10-70/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 20th August, 2020

To,

M/s PNP Maritime Services Pvt Ltd,
(Kind attention: Shri Siddharth Ghosh, DGM - Commercial & Operation)
A-5, Ionic, 18 Arthur Bunder Road, Colaba,
Mumbai - 400005, Maharashtra
E- Mail: pnpport@gmail.com

Subject: Expansion and Modernization of existing PNP Port at Gut No. 346, Dharamtar Creek, Village Shahbaj, District Raigad, Maharashtra by M/s PNP Maritime Services Pvt Ltd - Environmental and CRZ Clearance - reg.

Sir,

This has reference to your online Proposal No. IA/MH/MIS/59562/2016 dated 12 September, 2019, submitted to this Ministry for grant of Environmental and CRZ Clearance in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and Coastal Regulation Zone (CRZ) Notification, 2011, under the Environment (Protection), Act, 1986.

2. The proposal for 'Expansion and Modernization of existing PNP Port at Gut No. 346, Dharamtar Creek, Village Shahbaj, District Raigad, Maharashtra by M/s PNP Maritime Services Pvt Ltd was considered by the Expert Appraisal Committee (Infra-2) in the Ministry in its 46th meeting held during 25-26 November, 2019 and 53rd meeting held during 23-24 July, 2020.

3. The project/activity is covered under category 'A' of item 7 (e) i.e. 'Ports, harbours, break waters, dredging' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level by sectoral EAC.

4. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above said EAC meeting, are reported to be as under:-

(i) Environmental and CRZ Clearance for the Expansion and Modernisation of Existing PNP port located at Dharamtar Creek, village Shahbaj, Taluka Alibaug, District Raigad, Maharashtra. ($18^0$41'59" N latitude and $73^0$01'33" E longitude)

(ii) PNP port is located on the western bank of Amba River (i.e. Dharamtar creek) about 25 nautical miles (nm) from Mumbai Port Lighterage area and 18 nm from JNPT (Jawaharlal Nehru Port Trust) Port. The Port was given Environmental Clearance in 2003 from MoEF vide letter No. J-16011/38/2001-IA III dated 06 October, 2003.

(iii) PNP port (All weather port) has existing facility spread over an area of 60 ha with four (4) working jetties performing Lighterage operations and handles upto 4 MTPA of cargo viz. Coal, Sulphur, Clinker, Rock Phosphate, Bauxite, Steel Coils etc. The expansion along with the modernisation of the port is planned and that will handle cargo up to 19 MTPA. The proposed development comprises eight (8) bulk berths, two (2) Iron & steel product berths, four (4) berths for handling liquid cargo and 200 m berth for container cargo. The proposed development will be over an area of 195 ha (Including existing 60 ha area).

(iv) Maintenance dredging is proposed to create navigational channel near berthing areas from the main channel (in front of berths only to facilitate new barges i.e. up to

5.3 m CD). The dredged volume is estimated at berthing areas is about 1 Mm^3. The material to be dredged is of silty sand and clay material and that will be utilized for site preparation within the port area (Non-CRZ areas).

(v) Tabular statement indicating details of (a) existing facilities as per existing EC obtained; (b) proposed additional facilities along with modernisation and expansion:

	Existing facilities	Proposed expansion facilities
Area of Land available	60 ha	135 ha (In addition to existing 60 ha area)
No. of jetties/ berths	Four (4) Nos.	eight (8) bulk berths, two (2) Iron & steel product berths, four (4) berths for handling liquid cargo and 200 m berth for container cargo
Water frontage available	2000 m	
Cargo handling capacity	<5 MTPA	19 MTPA (including existing 5 MTPA capacity)
Type of cargo being handled	Coal, Sulphur, Clinker, Rock Phosphate, Bauxite, Steel Coils	Coal, Sulphur, Bulk Cargo, Break Bulk cargo, Agro commodities, Clinker, Dolomite, Limestone, Pyroxenite, Iron ore Cement, Slag, Rock Phosphate, Bauxite, Steel Coils, Bitumen, Timber, Tiles, Mill scales, Cotton, Liquid cargo (Non-Hazardous) and Port Based Industries etc.
Depth at berthing areas	-	(-) 5.3 m CD to accommodate the new barges (In front of berths only)
Dredging quantity	-	1 Mm^3
Dredge quantity disposal	-	Utilized for site preparation within the port area (Non-CRZ areas)

(vi) During construction phase, total water requirement is expected to be 60 KLD which will be met by tanker water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.

(vii) During operational phase, total water demand of the project is expected to be 73 KLD (33 KLD domestic + 40 KLD dust suppression measures) and same will be met by fresh water from MIDC water supply, Tanker water and recycled water from STP. Wastewater generated (31 KLD) uses will be treated in STP of 50 KLD capacity. 15 KLD of treated wastewater will be recycled for flushing. About 16 KLD will be used for dust suppression and green belt within the premises.

(viii) The quantity of municipal solid waste generated from canteen and administrative areas is estimated at about 148 kg/day, of which the biodegradable waste (89 kg/day) will be composted using vermin composting pits and will be used as manure. The non-biodegradable waste generated (59 kg/day) will be handed over to authorized local vendor.

(ix) The total power requirement during construction phase is 2000 kVA and will be met from MSEDCL & DG set and Total power requirement during operation phase is 6.7 MW and will be met from MSEDCL & DG set for emergency backup.

(x) Rainwater harvesting ponds will be constructed at strategic locations. Being port activity, Energy saving is achieved through efficient lights like LED's

(xi) Parking facility for 200 four wheelers are proposed to be provided and provision of 550 truck Parking are made.

(xii) Site is not located within 10 km of any Eco Sensitive areas

(xiii) Terms of Reference (ToR) for the project was granted by MoEF&CC vide letter No. 10-70/2016-IA-III dated 22 March, 2018.

(xiv) Public hearing was conducted by Maharashtra State Pollution Control Board (MPCB) on 25 February, 2019 at Collector office, District Raigad, Maharashtra.

(xv) Maharashtra State Coastal Zone Management Authority (MCZMA) has recommended the project for CRZ Clearance vide Letter No. CRZ-2017/CR-323/TC 4 dated 24 January, 2019.

(xvi) Investment/Cost of the project is Rs. 1,058.34 Crore.

(xvii) The employment potential: The employment potential during the construction phase of the port is estimated as 450 to 500 persons. The expected direct employment during operation phase of the project will be 650 persons. Apart from this, there will be around 300 nos. of people for indirect employment.

(xviii) Benefit of the project: The proposed expansion of port/ terminal will give more employment/ opportunities for the local people. Other benefits include generation of direct and indirect employment to the local people and surrounding areas. The expansion of Port will be a boon for the development of the region. It will also minimize the traffic load from the Mumbai Port Trust. Due to its location as it offers seamless road, rail connectivity for the transport of materials/ cargo to various hinterland.

5. The project proponent informed the EAC that PNP Maritime Services Pvt. Ltd. is proposing Expansion and Modernization of existing PNP Port at Dharamtar Creek, village Shahabaj, Tehsil Alibaug, District Raigad, Maharashtra. The existing port has received Environmental Clearance in 2003 from MoEF vide letter No. J-16011/38/2001-IA III dated 06.10.2003. At present, Port is handling approx. 4 MTPA of cargo. PNP proposes to augment the port facilities by modernizing/ mechanizing and expanding port capacity. Proposed expansion will envisage increase in cargo handling capacity up to 19 MTPA along with modernizing/ mechanizing of existing port. The Maharashtra Maritime Board (MMB) has approved water frontage of 1,000 m on 18 August, 2008 and additional 1,000 m on 29 March, 2012. The project has received the ToR from MoEF&CC vide letter no. 10-70/2016-IA-III dated 22 March, 2018. MCZMA has recommended the project from CRZ point of view to MoEF&CC dated 24 January, 2019.

The Committee deliberated upon the issues raised during the Public Hearing/Public Consultation meeting conducted by the Maharashtra State Pollution Control Board on 05 April, 2019. The issues were raised regarding increase in pollution due to the coal, affect on the local agriculture fields and ill-effects on the health of local people, effect the passenger services between Alibaug to Pen due to increase in usage of railway line and job opportunities as well as various court case pending against Project. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report. The EAC also deliberated on the certified compliance report letter No. 6-12/2003(ENV)/4664 dated 10 December, 2018 issued by the MoEF&CC's Regional Office (WCZ), Nagpur. As per Compliance report, "it was observed that project is in operation phase. Coal Cement and Steel Coils are being handled at the port. No liquid cargo is being handled at the project. No trade effluent is being generated.

6. In the 53rd meeting held during 23-24 July, 2020, the project proponent informed the EAC that as per the observation of EAC in its previous meeting, action taken report for non-compliance and partially compliance EC conditions was submitted to Regional Office of MoEF&CC vide letter dated 22.01.2020. The Regional Office of MoEF&CC (WCZ) at Nagpur has forwarded the same to the Ministry vide letter 6-12/2003(ENV)/6316 dated 02 March, 2020. The EAC noted that the project proponent has submitted Oil Spill Contingency Plan and point wise reply on the observations of Conservation Action Trust (CAT). The representation received just before this meeting was also shared with project proponent. In this context, project proponent has submitted point wise reply to the Committee vide letter dated 23 July, 2020. The EAC found that the PP has denied all the allegations and confirmed that no mangroves were cut/ destroyed during construction or operation phase of the project. The PP also referred to Hon'ble NGT's ruling in Application No. 95/2014 (WZ) dated. 22 September, 2017. It was also confirmed that that they have not proposed any reclamation in the project and the expansion in mangrove and mangrove buffer area. PP has

submitted that they are operating the port facility as per the permission granted by various authorities and they do not find any merit in allegations made against the project.

7. The EAC in its 53rd meeting held during 23-24 July, 2020, based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, recommended the project for grant of environmental and CRZ clearance with stipulated specific conditions along with other Standard EC Conditions as specified by the Ministry vide OM dated 04 January, 2019 for the said project/activity. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental and CRZ Clearance to the project 'Expansion and Modernization of existing PNP Port' at Gut No. 346, Dharamtar Creek, Village Shahbaj, District Raigad, Maharashtra by M/s PNP Maritime Services Pvt Ltd, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon and CRZ Notification, 2011, and subject to the specific and general conditions as under:-

A. Specific Conditions:

(i) The Environmental and CRZ Clearance to the project is primarily under provisions of EIA Notification, 2006 and CRZ Notification, 2011. It does not tantamount to approvals/consent/permissions etc required to be obtained under any other Act/Rule/regulation The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.

(ii) The project proponent shall abide by all the commitments and recommendations made in the Form-II, EIA and EMP report, submissions made during Public Hearing and also that have been made during their presentation to EAC.

(iii) Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.

(iv) All the recommendations and conditions specified by the Maharashtra State Coastal Zone Management Authority (MCZMA) vide letter No. CRZ-2017/CR-323/TC 4 dated 24 January, 2019 shall be complied with.

(v) The project proponent shall comply with the air pollution mitigation measures as submitted.

(vi) The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained. Creek water monitoring program shall be implemented during the construction phase.

(vii) No underwater blasting is permitted.

(viii) Dredging shall not be carried out during the fish breeding season. Dredging, etc. shall be carried out in confined manner to reduce the impacts on marine environment. As committed, Silt curtains shall be used to minimize spreading of silt plume during dredging operation. Turbidity should be monitored during the dredging. No removal of silt curtain unless baseline values are achieved.

(ix) Wherever possible, dredged material shall be used for bank nourishment. Otherwise, deposit the dredged material within the port premises in non-CRZ areas for land development in a manner that it does not enter the channel. With the enhanced quantities, the impact of dumping on the estuarine environment should be studied and necessary measures shall be taken on priority basis if any adverse impact is observed.

(x) An independent monitoring be carried out by any Government Agency/Institute to evaluate the impact during dredging. Impact of dredged material on estuarine environment along with shore line changes should be studied by the PP and

necessary mitigation measures be taken in case any adverse impact is observed. The details shall be submitted along with the six-monthly monitoring report.

(xi) Marine ecological studies and its mitigation measures for protection of phytoplankton, zooplanktons, macrobenthos, estuaries, sea-grass, algae, sea weeds, Crustaceans, Fishes, coral reefs and mangroves etc. as given in the EIA-EMP Report shall be complied with in letter and spirit.

(xii) Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.

(xiii) A copy of the Marine and riparian biodiversity management plan duly validated by the State Biodiversity Board shall be obtained and implement in letter and spirit.

(xiv) The fresh water requirement of 58 KLD shall be met from MIDC water supply scheme.

(xv) Sewage generated will be treated in STP of 50 KLD capacity. The treated water will be used for flushing, gardening and dust suppression within the port premises.

(xvi) A continuous monitoring programme covering all the seasons on various aspects of the estuarine environs need to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities/accredited Consultant with rich experiences in marine science aspects. The monitoring should cover various physico-chemical parameters along with PHc coupled with biological indices such as microbes, plankton, benthos and fishes on a periodic basis during construction and operation phase of the project. Any deviations in the parameters shall be given adequate care with suitable measures to conserve the marine environment and its resources.

(xvii) Continuous online monitoring of air and water covering the total area shall be carried out and the compliance report of the same shall be submitted along with the 6 monthly compliance report to the regional office of MoEF&CC.

(xviii) The material recovered from the cutting activity shall be used for filling low-lying areas within the project boundaries. The actions shall be in accordance with proposed landscape planning concepts to minimize major landscape changes. The change in land use pattern shall be limited to the proposed port limits and be carried out in such a way as to ensure proper drainage by providing surface drainage systems including storm water network.

(xix) Suitable preventive measures be taken to trap spillage of fuel / engine oil and lubricants from the construction site. Measures should be taken to contain, control and recover the accidental spills of fuel during cargo handling.

(xx) All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.

(xxi) Necessary arrangement for general safety and occupational health of people should be done in letter and spirit.

(xxii) All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF&CC along with half yearly compliance report.

(xxiii) The company shall draw up and implement Corporate Social Responsibility Plan as per the Company's Act of 2013.

(xxiv) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01 May, 2018, project proponent has proposed that an amount of Rs. 2.65 Crores (0.25% of the project cost) shall be earmarked under Corporate Environment Responsibility

(CER) Plan for the activities such as Health, Water supply, Sanitation, Road development, Solar lights in nearby areas and Education etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

B. Standard Conditions:

I. Statutory compliance:

i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.

ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. No dredging is allowed in protected habitat areas without prior permission from NBWL.

iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).

iv. Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011 and the State Coastal Zone Management Plan as drawn up by the State Government. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.

v. All the recommendations and conditions specified by State Coastal Zone Management Authority for the project shall be complied with.

vi. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.

vii. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

viii. All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction

ix. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

x. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

II. Air quality monitoring and preservation:

i. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NOx in reference to SO_2 and NOx emissions) within and outside the project area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.

ii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.

iii. Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.

iv. Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.

v. The Vessels shall comply the emission norms prescribed from time to time.

vi. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

vii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

III. Water quality monitoring and preservation:

i. The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.

ii. Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality. Silt curtains shall be used to contain the spreading of suspended sediment during dredging within the dredging area.

iii. No ships docking at the proposed project site will discharge its on-board waste water untreated in to the estuary/ channel. All such wastewater load will be diverted to the proposed Effluent Treatment Plant of the project site.

iv. Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.

v. The project proponents will draw up and implement a plan for the management of temperature differences between intake waters and discharge waters.

vi. Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.

vii. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.

viii. Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.

ix. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.

x. No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.

xi. All the erosion control measures shall be taken at water front facilities. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.

IV. Noise monitoring and prevention:

i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

ii. Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.

iii. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

iv. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures:

i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;

ii. Provide LED lights in their offices and residential areas.

VI. Waste management:

i. Dredged material shall be disposed safely in the designated areas.

ii. Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report.

iii. Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.

iv. The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.

v. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.

vi. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.

vii. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

viii. Oil spill contingency plan shall be prepared and part of DMP to tackle emergencies. The equipment and recovery of oil from a spill would be assessed. Guidelines given in MARPOL and Shipping Acts for oil spill management would be followed.

Mechanism for integration of terminals oil contingency plan with the overall area contingency plan under the co-ordination of Coast should be covered

VII. Green Belt:

i. Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

ii. Top soil shall be separately stored and used in the development of green belt.

VIII. Marine Ecology:

i. Dredging shall not be carried out during the fish breeding and spawning seasons.

ii. Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.

iii. The dredging schedule shall be so planned that the turbidity developed is dispersed soon enough to prevent any stress on the fish population.

iv. While carrying out dredging, an independent monitoring shall be carried out through a Government Agency/Institute to assess the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.

v. A detailed marine biodiversity management plan shall be prepared through the NIO or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity and submitted to and implemented to the satisfaction of the State Biodiversity Board and the CRZ authority. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, sub-tidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standards survey methods and include underwater photography.

vi. Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components including all micro, macro and mega floral and faunal components of marine biodiversity.

vii. The project proponent shall ensure that water traffic does not impact the aquatic wildlife sanctuaries that fall along the stretch of the river.

IX. Public hearing and Human health issues:

i. The work space shall be maintained as per international standards for occupational health and safety with provision of fresh air respirators, blowers, and fans to prevent any accumulation and inhalation of undesirable levels of pollutants including VOCs.

ii. Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.

iii. In case of repair of any old vessels, excessive care shall be taken while handling Asbestos & Freon gas. Besides, fully enclosed covering should be provided for the temporary storage of asbestos materials at site before disposal to CTSDF.

iv. Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.

v. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.

vi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

vii. Occupational health surveillance of the workers shall be done on a regular basis.

X. Corporate Environment Responsibility:

i. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

ii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.

iii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

iv. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

XI. Miscellaneous:

i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.

iv. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

v. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

vi. The criteria pollutant levels namely; $PM_{2.5}$, PM_{10}, SO_2, NOx (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned

authorities, commencing the land development work and start of production operation by the project.

viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

xiv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

xv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

8. This issues with the approval of the Competent Authority.

(Dr. Vinod K. Singh)
Scientist E

Copy to:

1) The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032.

2) The APCCF (C), MoEF&CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur - 440001.

3) The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.

4) The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai - 400 022.

5) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.

6) Guard File/ Record File/ Notice Board/MoEF&CC website.

(Dr. Vinod K. Singh)
Scientist E

ANNEXURE V

Consent to Establish

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R46)
No:- Format1.0/CAC/UAN No.0000105351/CE - 2107000798

Date: 14/07/2021

To,
PNP Maritime Services Pvt Ltd,
Old Survey 247 / New Gut No. 346,PNP Port,
Dharmatar Creek,
Alibag, Dist; Raigad.

Your Service is Our Duty

Sub: **Consent to Establish for expansion i.e. handling of additional cargos under red category**

Ref:
1. Consent to operate granted by the Board to the port vide No.CC/UAN no.103714/CR-2104001333 Dated 27.04.2021 valid up to 31.12.2025.
2. Environmental Clearance granted by MOEF, GOI, vide no. J-16011/38/2001-IA-III Dated 06.10.2003
3. Environmental Clearance granted to the port for expansion activity by MOEFCC, GOI vide no.10-70/2016-IA-III Dated 20.08.2020
4. The minutes of the CAC meeting held on 17.03.2021

Your application No.MPCB-CONSENT-0000105351 Dated 29.12.2020

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.1061.56 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 3.21 Crs + Expansion/Increase in C.I. - Rs. 1058.35Crs)**
3. **Consent is valid for handling of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Jetty: For Cargo Handling of Coal, Sulphur, Bulk Cargo, Break Bulk cargo, Agro commodities, Clinker, Dolomite, Limestone, Pyroxenite,Iron ore Cement, Slag, Rock Phosphate, Bauxite, Steel Coils, Bitumen, Timber, Tiles, Mill scales, Cotton, Liquid cargo (Non-Hazardous) and Port Based Industries etc.	14	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable
2.	Domestic effluent	31	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	DG set [80 KVA]	1	As per Schedule -II
2	S-2	DG set [500 KVA]	1	As per Schedule -II
3	S-3	DG set [160 KVA]	1	As per Schedule -II
4	S-4	DG set [30 KVA]	1	As per Schedule -II
5	S-5	DG set [2000 KVA]	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Biodegradable waste	89	Kg/Day	Composting	Used as mannure
2	Non Biodegradable waste	59	Kg/Day	Sale	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.2 Wastes or residues containing oil	500	MT/A	Recycle	Sale to authorised party / CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. This consent is issued pursuant to the decision of the 23rd Consent Appraisal Committee Meeting held on 17.03.2021.
11. The applicant shall comply with the conditions of the Environmental Clearance granted by MOEF, GOI, vide letter No. J-16011/38/2001-IA-III dated 06.10.2003.
12. The applicant shall comply with the conditions of the Environmental Clearance granted by MOEF, GOI, vide letter No. F.No.10-70/2016-IA-III dated 20.08.2020..
13. The applicant shall submit Environmental Management Plan in the Board.
14. The applicant shall submit BG of Rs.25 Lakhs towards compliances of consent conditions and Environmental Clearances conditions.
15. The waste generated due to proposed activity should not be disposed off in CRZ area.
16. No chemical products should be stored in the CRZ area except those permissible as per annexure of the CRZ Notification -2011 and Amendments in thereto.

17. The applicant shall prepare disaster management plan and shall be updated time to time.
18. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity. (Establish)

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2116700.00	TXN2101000026	01/01/2021	Online Payment

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad II
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
   B] Treatment - NA
   C] Disposal - NA

2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 50 CMD for the treatment of 31 CMD of sewage.

   B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	pH	Not to exceed	5.5 to 9.0
2	BOD 3 days 27°C	Not to exceed	10 mg/l
3	COD	Not to exceed	50 mg/l
4	Total Suspended Solids	Not to exceed	20 mg/l
5	NH4 N	Not to exceed	5 mg/l
6	N- Total	Not to exceed	10 mg/l
7	Fecal Coliform	Not to exceed	Less than 100

   C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside from port premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	40.00
2.	Domestic purpose	33.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG set [80 KVA]	Acoustic Enclosure	3.00	Diesel 6.25 Kg/Hr	1	SO2	3.0 Kg/Day
						Other	-
						Other	-
S-2	DG set [500 KVA]	Acoustic Enclosure	5.00	Diesel 41.66 Kg/Hr	1	SO2	19.99 Kg/Day
						Other	-
						Other	-
S-3	DG set [160 KVA]	Acoustic Enclosure	3.00	Diesel 12.5 Kg/Hr	1	SO2	6 Kg/Day
						Other	-
						Other	-
S-4	DG set [30 KVA]	Acoustic Enclosure	3.00	Diesel 2.08 Kg/Hr	1	SO2	1.0 Kg/Day
						Other	-
						Other	-
S-5	DG set [2000 KVA]	Acoustic Enclosure	5.00	Diesel 400 Kg/Hr	1	SO2	192 Kg/Day
						Other	-
						Other	-

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
---	Coal stock yard		0.00	-	-	SPM [The difference in the value of suspended particulate matter, delta measured between 25 and 30 meters from the coal stock yard in the downward and leeward wind direction] not exceed to 150 µg/m3	-
						Other	-
						Other	-

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. The trucks will be covered with tarpaulin sheets to prevent coal dust from spilling /creating air pollution nuisance during coal transportation.
6. To mitigate the dust emission during loading of cargos such as coal, 1] Mix of truck movement and conveyor system shall be considered for cargo movement between the barges to storage area.2] Grab unloaders or clamp shell buckets shall be provided to reduce dust, spillage, handling loss etc. during cargo loading on trucks.
7. During the cargo handling the dust shall be controlled by using water foggers., wind screens shall be used to reduce fugitive emission, stock piles, excavated earthen materials etc. shall be managed with water sprinkling to avoid dust being airborne from the specific site.
8. PP shall implement Traffic Management Plan and recommendations as per the PNP Port Expansion Traffic Impact Study Report of October -2018.
9. The PP shall ensure that fugitive emission from the activity are control so as to maintain clean and safe environment in and around the port premises.
10. All entry point , internal roads and loading /unloading areas must be made road worthy for movement of heavy vehicles by using low permability material (Concrete or bitumen) and be cleaned regularly to minimize potential for dust generation and off site impact
11. PP shall implement Traffic Management Plan and recommendations as per the PNP Port Expansion Traffic Impact Study Report of October -2018.

12. The coal from jetty shall be removed using close system to control dust / fugitive emissions and shall meet the standards that may be prescribed. The side wall of 5 meters height shall be provided and for the dust suppression, water sprinkling arrangement of water pressure of minimum 4 Kg/cm shall be maintained during loading of coal on trucks at coal storage yard. The entire operation of coal handling shall be done with operating dust and wind suppression equipment's and monitoring of ambient air quality as per guidelines of the Board. The handling of coal shall be done as per the Environmentally Sound management. The qty of coal to be handled will be assessed based on the stockyard size, maximum permissible safe height, dwell time, mode of evacuation and the capacity of roads to evacuate the traffic induced. PP shall submit designed details of pollution control system proposed for coal yard.
13. PP shall shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.

SCHEDULE-III
Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish for expansion.i.e. Handling of additional cargoes from 5 MTPA capacity to 19 MTPA capacity	Rs.25 Lakhs	15 days	Towards compliances of consent to Establish conditions and conditions of Environmental Clearances	Continuous	30.04.2026

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.

b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.

c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.

d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.

f) D.G. Set shall be operated only in case of power failure.

g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.

15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-V by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

ANNEXURE V

Consent to Operate

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd, 3rd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R46)/ Rev. RED/I.D.S./(8.1)
No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000235394/CO/2508003682

Date: 28/08/2025

To,
PNP Maritime Services Pvt Ltd,
Old Survey 247 / New Gut No. 346,
PNP Port, Dharmatar Creek,
Alibag, Dist - Raigad.

Your Service is Our Duty

Sub: Renewal of Consent to Operate.

Ref:

1. Earlier Consent to Operate granted by Board Vide UAN No. Format1.0/CC/UAN No. - 0000103714/CR-2104001333 dtd. 27/04/2021.
2. Consent to Establish obtain vide Format1.0/CC/UAN No. 0000105351/CE-2107000798 dtd. 14/07/2021
3. Environmental Clearance obtain from MOEFCC, GOI vide no. J-16011/38/2001-IA-III dtd. 06/10/2003.
4. Environmental Clearance obtain from MOEFCC, GOI vide F. No.10-70/2016-IA-III Dated 20.08.2020
5. Minutes of 5th Consent Appraisal Committee (CAC) Meeting of 2025-26 (Booklet No. 5) held on dtd. 29.07.2025

Your application No.MPCB-CONSENT-0000235394 Dated 04.02.2025

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 31/12/2026**
2. **The capital investment of the project is Rs.232.82 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 73.66 Crs + Part Expansion in C.I. – Rs. 156.16 Crs)**
3. **Consent is valid for handling of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Jetty: For Cargo Handling of Coal, Sulphur, Bulk Cargo, Break Bulk cargo, Agro commodities, Clinker, Dolomite, Limestone, Pyroxenite,Iron ore Cement, Slag, Rock Phosphate, Bauxite, Steel Coils, Bitumen, Timber, Tiles, Mill Scales, Cotton	8	MT/A

(Without handling of Liquid Cargo)

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0.00	As per Schedule-I	Not Applicable
2.	Domestic effluent	13.80	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	DG set [82.50 KVA]	1	As per Schedule -II
2	S-2	DG set [500 KVA]	1	As per Schedule -II
3	S-3	DG set [160 KVA]	1	As per Schedule -II
4	S-4	DG set [30 KVA]	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Biodegradable waste	19.07	Kg/Day	Composting	Used as mannure
2	Non Biodegradable waste	12.60	Kg/Day	Sale	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.2 Wastes or residues containing oil	507	MT/A	Incineration/Co-Processing	CHWTSDF/HW for coprocessing shall be routed through preprocessing at CHWTSDF
2	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	5.0	MT/A	Recycle	Sale to authorised party / CHWTSDF
3	33.2 Contaminated cotton rags or other cleaning materials	500	MT/A	Incineration/Co-Processing	CHWTSDF/HW for coprocessing shall be routed through preprocessing at CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.

9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The industry shall obtain necessary permission for the Safety and Health from concern authority.
11. The applicant shall prepare disaster management plan and shall be updated time to time.
12. The applicant shall submit Environmental Management Plan in the Board.
13. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.
14. The waste generated due to proposed activity should not be disposed off in CRZ area.
15. The project proponent shall comply with the air pollution mitigation measures submitted during the environmental clearance process and ensure that no nuisance of any kind is caused in the surrounding area due to the said activity
16. The applicant shall comply with the conditions of the Environmental Clearance granted by MOEF, GOI, vide letter No. J-16011/38/2001-IA-III dated 06.10.2003.
17. The applicant shall comply with the conditions of the Environmental Clearance granted by MOEF, GOI, vide letter No. F.No.10-70/2016-IA-III dated 20.08.2020.
18. Guidelines for preprocessing and co-processing of Hazardous and Other Wastes in cement plants as per H & OW(M&MT) Rules,2016 prepared by CPCB shall be strictly followed.
19. PP shall strictly follow the provisions of the Hazardous and Other Wastes (M& TM) Rules, 2016.
20. Consent shall be issued with overriding effect on earlier granted consent vide Format1.0/CC/UAN No. 0000103714/CR-2104001333 dtd. 27/04/2021.
21. The project proponent shall not take any steps towards Liquid cargo handling till obtaining prior permission/consent from MPC Board.
22. This consent is issued pursuant to the decision of the 5th Consent Appraisal Committee (CAC) Meeting of 2025-26 (Booklet No. 5) held on dtd. 29.07.2025.
23. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.
24. The industry shall create an Environment Cell by appointing an Environmental Engineer OR Expert for looking after day-to-day activities related to Environment OR Pollution control.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2328200.00	TXN2502005839	27/02/2025	Online Payment

Balance consent fee of Rs. 1862560/- shall be consider at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad II
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
   B] Treatment - NA
   C] Disposal - NA

2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 20 CMD for the treatment of 13.80 CMD of sewage.

   B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	pH	Not to exceed	5.5 to 9.0
2	BOD 3 days 27°C	Not to exceed	10 mg/l
3	COD	Not to exceed	50 mg/l
4	Total Suspended Solids	Not to exceed	20 mg/l
5	NH4 N	Not to exceed	5 mg/l
6	N- Total	Not to exceed	10 mg/l
7	Fecal Coliform	Not to exceed	Less than 100

   C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside from port premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	18.57
2.	Domestic purpose	17.07
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	10.00

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG set [82.5 KVA]	Acoustic Enclosure	3.00	Diesel 6.25 Kg/Hr	1	SO2	3.0 Kg/Day
						TPM	150 Mg/Nm^3
S-2	DG set [500 KVA]	Acoustic Enclosure	5.00	Diesel 41.66 Kg/Hr	1	SO2	19.99 Kg/Day
						TPM	150 Mg/Nm^3
S-3	DG set [160 KVA]	Acoustic Enclosure	3.00	Diesel 12.5 Kg/Hr	1	SO2	6 Kg/Day
						TPM	150 Mg/Nm^3
S-4	DG set [30 KVA]	Acoustic Enclosure	3.00	Diesel 2.08 Kg/Hr	1	SO2	1.0 Kg/Day
						TPM	150 Mg/Nm^3

PP shall ensure National Ambient Air Quality Standards vide dtd. 18th November, 2009.

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	1st Consent to Operate	Rs.25 Lakhs	15 days	Towards compliance of consent conditions and O&M of PCS	31/12/2026	31/12/2027

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
   d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
   f) D.G. Set shall be operated only in case of power failure.
   g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
   h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

ANNEXURE VI

Form V

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000089972	13-11-2025

PART A

Company Information

Company Name	***Application UAN number***
PNP Maritime Services Pvt. Ltd.	MPCB-CONSENT-0000103714

Address

PNP Port Dharamtar at Shahabaj, District Raigad, Pin Code: 402108

Plot no	***Taluka***	***Village***
Old Survey 247 / New Gut No. 346	Alibag	PNP Port Dharamtar at Shahabaj
Capital Investment (In lakhs)	***Scale***	***City***
7366	S.S.I	Raigad
Pincode	***Person Name***	***Designation***
402108	Shri Siddharth Ghosh	DGM - Commercial & Operation)
Telephone Number	***Fax Number***	***Email***
9819682521	22883789	pnpmaritime81@gmail.com
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R46 Ports and harbour, jetties and dredging operations
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN No.0000103714/CR-2104001333	2021-04-27
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2025-12-31	2001	Oct 1 2024 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Jetty: For Cargo handling, Handling of coal, sulphur, Rock Phosphate, Iron Ore, Bauxite and Edible Oil Cargo	5	5	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	10.00	0.00
Domestic	10.00	5.50
All others	10.00	0.00
Total	30.00	5.50

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of sewage effluent from the factory	7.5	7.5	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
NA	0	0	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
pH	0	0	NA	5.5_9.0	NA
BOD	0	0	NA	10	NA
COD	0	0	NA	50	NA
TSS	0	0	NA	20	NA
N-Total	0	0	NA	10	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
NA	0	0	NA	NA	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.2 Wastes or residues containing oil	500	500	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
NA	NA	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Periodical trainings to all the employees regarding Environmental issues and keep them update with various methods to protect Environment. Display of informative posters at prominent locations

Name & Designation

Mr. Siddharth Ghosh.,DGM – Commercial & Operation

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000089972

Submitted On:

13-11-2025

ANNEXURE VII

Environment Monitoring Report

Ashwamedh Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5001	Report No. AA/11/25/5001	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 1 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.4**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**118**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.22**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.26**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5001	Report No. AA/11/25/5001	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5002	Report No. AA/11/25/5002	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 2 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**128**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.38**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.46**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5002	Report No. AA/11/25/5002	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5003	Report No. AA/11/25/5003	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 3 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.6**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**131**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.42**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.48**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5003	Report No. AA/11/25/5003	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Technical Manager (Chemical)
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5004	Report No. AA/11/25/5004	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 4 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**8.7**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.1**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**116**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.18**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.21**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5004	Report No. AA/11/25/5004	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5005	Report No. AA/11/25/5005	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 5 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**28.6**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**104**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.1**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.20**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5005	Report No. AA/11/25/5005	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5006	Report No. AA/11/25/5006	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 6 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**120**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.29**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.34**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5006	Report No. AA/11/25/5006	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5007	Report No. AA/11/25/5007	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 7 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**29.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**110**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.12**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.21**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5007	Report No. AA/11/25/5007	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5008	Report No. AA/11/25/5008	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 8 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**130**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.38**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.50**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5008	Report No. AA/11/25/5008	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5009	Report No. AA/11/25/5009	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 9 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**126**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.41**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.58**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5009	Report No. AA/11/25/5009	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5010	Report No. AA/11/25/5010	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 10 (Between 25-30 meter From Coal Yard)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**8.7**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**26**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**93**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**0.98**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**BLQ (LOQ:1)**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/11/25/5010	Report No. AA/11/25/5010	Report Date	06/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5011	Report No. AA/11/25/5011	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	30/10/2025 to 31/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**91**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**43**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.19**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.30**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/11/25/5011	Report No. AA/11/25/5011	Report Date	06/11/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/11/25/5012	Report No. AA/11/25/5012	Report Date	06/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	30/10/2025to 31/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	01/11/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	05/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	N-E	(Max./Min.): 79/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**30.1**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**84**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**40**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.12**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.25**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/11/25/5012	Report No. AA/11/25/5012	Report Date	06/11/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5040	Report No. AA/10/25/5040	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	S-N	(Max./Min.): 75/63%	(Max./Min.): 28/25°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**32.6**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**94**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**47**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.22**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.45**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5040	Report No. AA/10/25/5040	Report Date	10/10/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5041	Report No. AA/10/25/5041	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
14.9 km/h	S-N	(Max./Min.): 75/63%	(Max./Min.): 28/25°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**30.8**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**86**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**38**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.29**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.39**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5041	Report No. AA/10/25/5041	Report Date	10/10/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5042	Report No. AA/10/25/5042	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 1 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.2**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**120**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.41**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.51**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5042	Report No. AA/10/25/5042	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5043	Report No. AA/10/25/5043	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 2 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**14.2**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**115**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.30**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.38**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5043	Report No. AA/10/25/5043	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5044	Report No. AA/10/25/5044	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 3 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**134**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.49**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.63**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5044	Report No. AA/10/25/5044	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5045	Report No. AA/10/25/5045	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 4 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.8**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**110**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.22**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.34**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5045	Report No. AA/10/25/5045	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5046	Report No. AA/10/25/5046	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 5 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**29.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**101**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.08**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.17**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5046	Report No. AA/10/25/5046	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5047	Report No. AA/10/25/5047	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 6 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**117**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.28**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.36**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5047	Report No. AA/10/25/5047	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5048	Report No. AA/10/25/5048	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 7 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.4**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**112**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.14**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.25**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5048	Report No. AA/10/25/5048	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5049	Report No. AA/10/25/5049	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 8 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33.7**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**130**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.44**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.56**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5049	Report No. AA/10/25/5049	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5050	Report No. AA/10/25/5050	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 9 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**124**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**1.40**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.52**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5050	Report No. AA/10/25/5050	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5051	Report No. AA/10/25/5051	Report Date	10/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 10 (Between 25-30 meter From Coal Yard)	Date - Sampling	02/10/2025 to 03/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	04/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	04/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	09/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.8 km/h	N-W	(Max./Min.): 72/60%	(Max./Min.): 30/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**27.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**94**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	**0.90**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**BLQ (LOQ:1)**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.2, Jun: 1999

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Sample ID : AA/10/25/5051	Report No. AA/10/25/5051	Report Date	10/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5539	Report No. AA/10/25/5539	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**32.6**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**93**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**43**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.29**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.35**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5539	Report No. AA/10/25/5539	Report Date	28/10/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5540	Report No. AA/10/25/5540	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**30.8**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**88**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**42**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.20**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.33**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5540	Report No. AA/10/25/5540	Report Date	28/10/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5541	Report No. AA/10/25/5541	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 1 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**131**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.52**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.72**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5541	Report No. AA/10/25/5541	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5542	Report No. AA/10/25/5542	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 2 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.4**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**121**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.32**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.39**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5542	Report No. AA/10/25/5542	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5543	Report No. AA/10/25/5543	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 3 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**112**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.22**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.37**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5543	Report No. AA/10/25/5543	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

End of Report

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5544	Report No. AA/10/25/5544	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 4 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**8.7**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**28.6**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**109**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.16**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.27**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5544	Report No. AA/10/25/5544	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5545	Report No. AA/10/25/5545	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 5 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**7.6**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**26**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**102**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.14**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.25**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5545	Report No. AA/10/25/5545	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5546	Report No. AA/10/25/5546	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 6 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**26.8**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**103**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.1**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.23**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5546	Report No. AA/10/25/5546	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5547	Report No. AA/10/25/5547	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 7 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.8**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**120**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.31**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.44**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5547	Report No. AA/10/25/5547	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5548	Report No. AA/10/25/5548	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 8 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.6**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**123**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.4**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.52**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5548	Report No. AA/10/25/5548	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5549	Report No. AA/10/25/5549	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 9 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**119**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.29**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.40**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5549	Report No. AA/10/25/5549	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5550	Report No. AA/10/25/5550	Report Date	28/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 10 (Between 25-30 meter From Coal Yard)	Date - Sampling	16/10/2025 to 17/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	18/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	18/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	27/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
12.7 km/h	S-E	(Max./Min.): 78/66%	(Max./Min.): 33/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**8.7**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**28.2**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**108**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.19**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**BLQ (LOQ:1)**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5550	Report No. AA/10/25/5550	Report Date	28/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5637	Report No. AA/10/25/5637	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 1 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**34.8**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**138**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.60**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.70**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5637	Report No. AA/10/25/5637	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5638	Report No. AA/10/25/5638	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 2 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.6**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**130**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.48**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.56**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5638	Report No. AA/10/25/5638	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5639	Report No. AA/10/25/5639	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 3 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**14.2**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**136**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.52**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.60**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5639	Report No. AA/10/25/5639	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5640	Report No. AA/10/25/5640	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 4 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**122**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.36**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.44**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5640	Report No. AA/10/25/5640	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5641	Report No. AA/10/25/5641	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 5 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.1**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**116**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.25**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.33**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5641	Report No. AA/10/25/5641	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5642	Report No. AA/10/25/5642	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 6 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**15.2**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**129**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.50**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.61**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5642	Report No. AA/10/25/5642	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5643	Report No. AA/10/25/5643	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 7 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**126**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.44**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.58**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5643	Report No. AA/10/25/5643	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5644	Report No. AA/10/25/5644	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 8 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**121**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.38**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.47**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5644	Report No. AA/10/25/5644	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5645	Report No. AA/10/25/5645	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 9 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33.4**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**134**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.52**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.66**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5645	Report No. AA/10/25/5645	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5646	Report No. AA/10/25/5646	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 10 (Between 25-30 meter From Coal Yard)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**29.7**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**115**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.22**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**BLQ (LOQ:1)**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5646	Report No. AA/10/25/5646	Report Date	30/10/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5648	Report No. AA/10/25/5648	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**33.4**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**94**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**48**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.51**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.60**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5648	Report No. AA/10/25/5648	Report Date	30/10/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5649	Report No. AA/10/25/5649	Report Date	30/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	20/10/2025 to 21/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	24/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	24/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	29/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
13.5 km/h	S-N	(Max./Min.): 84/71%	(Max./Min.): 32/28°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**31.2**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**92**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**44**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.38**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.42**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5649	Report No. AA/10/25/5649	Report Date	30/10/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5717	Report No. AA/10/25/5717	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 1 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**117**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.29**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.35**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5717	Report No. AA/10/25/5717	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5718	Report No. AA/10/25/5718	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 2 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.9**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**110**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.18**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.24**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5718	Report No. AA/10/25/5718	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5719	Report No. AA/10/25/5719	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 3 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**34.1**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**128**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.39**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.52**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5719	Report No. AA/10/25/5719	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5720	Report No. AA/10/25/5720	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 4 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.8**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**115**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.14**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.22**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5720	Report No. AA/10/25/5720	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5721	Report No. AA/10/25/5721	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 5 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**29**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**107**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.1**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.24**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5721	Report No. AA/10/25/5721	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5722	Report No. AA/10/25/5722	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 6 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.2**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**123**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.28**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.40**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5722	Report No. AA/10/25/5722	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5723	Report No. AA/10/25/5723	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 7 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**120**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.25**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.41**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5723	Report No. AA/10/25/5723	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5724	Report No. AA/10/25/5724	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 8 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**14.2**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**34.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**132**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.51**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.58**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5724	Report No. AA/10/25/5724	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5725	Report No. AA/10/25/5725	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 9 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**119**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.22**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.37**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5725	Report No. AA/10/25/5725	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5726	Report No. AA/10/25/5726	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 10 (Between 25-30 meter From Coal Yard)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**8.7**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**27.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**102**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.14**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**BLQ (LOQ:1)**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5726	Report No. AA/10/25/5726	Report Date	04/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5727	Report No. AA/10/25/5727	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**90**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**42**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.16**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.30**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5727	Report No. AA/10/25/5727	Report Date	04/11/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5728	Report No. AA/10/25/5728	Report Date	04/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	23/10/2025 to 24/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	27/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	27/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**30.4**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**87**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**40**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.10**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.25**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5728	Report No. AA/10/25/5728	Report Date	04/11/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5754	Report No. AA/10/25/5754	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**31.2**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**93**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**46**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.24**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.36**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5754	Report No. AA/10/25/5754	Report Date	05/11/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5755	Report No. AA/10/25/5755	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	PM_{10}, Bap, Metals: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO_2)	**29.7**	80	µg/m³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM_{10}	**91**	100	µg/m³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**43**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.05**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.13**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999

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Sample ID : AA/10/25/5755	Report No. AA/10/25/5755	Report Date	05/11/2025

Parameter	Result	NAAQS# 2009	Unit	Method
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5756	Report No. AA/10/25/5756	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 1 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**33**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**126**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.34**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.46**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5756	Report No. AA/10/25/5756	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5757	Report No. AA/10/25/5757	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 2 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**121**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.29**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.38**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5757	Report No. AA/10/25/5757	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5758	Report No. AA/10/25/5758	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 3 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.5**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**117**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.24**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.30**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5758	Report No. AA/10/25/5758	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

Ninad Soundankar
Technical Manager (Chemical)
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5759	Report No. AA/10/25/5759	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 4 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**31.2**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**110**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.1**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.18**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5759	Report No. AA/10/25/5759	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Technical Manager (Chemical)
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5760	Report No. AA/10/25/5760	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 5 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**12**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.1**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**114**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.15**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.22**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5760	Report No. AA/10/25/5760	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5761	Report No. AA/10/25/5761	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 6 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**13.1**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.6**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**128**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.41**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.54**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5761	Report No. AA/10/25/5761	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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Reviewed & Authorised by

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5762	Report No. AA/10/25/5762	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 7 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**10.9**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.4**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**116**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.19**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.25**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5762	Report No. AA/10/25/5762	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5763	Report No. AA/10/25/5763	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 8 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**14.2**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**32.3**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**122**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.32**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.37**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5763	Report No. AA/10/25/5763	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5764	Report No. AA/10/25/5764	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 9 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**9.8**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**30.8**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**108**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.06**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**1.16**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5764	Report No. AA/10/25/5764	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/10/25/5765	Report No. AA/10/25/5765	Report Date	05/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Coal Stock Yard-Plot 10 (Between 25-30 meter From Coal Yard)	Date - Sampling	27/10/2025 to 28/10/2025
Sample Quantity / Packing	SPM, Bap, Metals: 1 x 3 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each NH_3: 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C_6H_6: 6 no. charcoal tubes CO: 1 no. bladder	Date - Receipt of Sample	29/10/2025
Sampling Procedure	As per method reference	Date - Start of Analysis	29/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	04/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
15.6 km/h	S-W	(Max./Min.): 80/68%	(Max./Min.): 32/27°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**8.7**	80	µg/m³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO_2)	**26.4**	80	µg/m³	IS 5182 (Part 6): 2017
Suspended Particulate Matter (SPM)	**98**	150	µg/m³	IS 5182 (Part 4): 2019
Ozone (O_3)	**BLQ (LOQ:19.6)**	180	µg/m³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411,Page no. 403 :1988
Lead (as Pb)	**BLQ (LOQ:0.02)**	1	µg/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999
Carbon Monoxide (CO)	**1.02**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH_3)	**BLQ (LOQ:20)**	400	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.35: 2013
Benzene (C_6H_6)	**BLQ (LOQ:1)**	5	µg/m³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	**BLQ (LOQ:0.2)**	1	ng/m³	IS 5182 (Part 12): 2014
Arsenic (as As)	**BLQ (LOQ:0.3)**	6	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun : 1999
Nickel (as Ni)	**BLQ (LOQ:3)**	20	ng/m³	EPA/625/R-96/010 a Compendium Method IO-3.1 & 3.4, Jun: 1999

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Sample ID : AA/10/25/5765	Report No. AA/10/25/5765	Report Date	05/11/2025

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA Time Weighted Average
NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel

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TEST REPORT

Sample ID : AA/11/25/3001 Report No. AA/11/25/3001N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**532156**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**224160**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**31241**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**21120**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**4223**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1055**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3002 Report No. AA/11/25/3002N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 1 (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**635261**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**102560**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**53514**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**42563**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**5141**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1075**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3003 Report No. AA/11/25/3003N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 2 (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**532561**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**224150**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**32478**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**23320**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3410**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1059**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3004 Report No. AA/11/25/3004N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 3 (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**535260**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**232145**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**42415**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**3347**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**5356**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1047**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3005 Report No. AA/11/25/3005N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 5 (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**641256**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**232560**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**62145**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**32365**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**5314**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1066**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3006 Report No. AA/11/25/3006N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Weigh Bridge (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**515423**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**213562**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**612550**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**42360**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**4114**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1074**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3007 Report No. AA/11/25/3007N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**513250**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**213254**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**52364**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**21203**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3411**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1048**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3008	Report No. AA/11/25/3008N	Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Lal Gate (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**535126**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**213256**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**51578**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**31423**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**4256**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1083**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3009 Report No. AA/11/25/3009N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near DIL Main Gate (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**411420**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**332650**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**42216**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**42130**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3152**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1085**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/11/25/3010 Report No. AA/11/25/3010N		Report Date	01/11/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near DIL Godown Back Side (PNP Port)	Date - Sampling	30/10/2025 to31/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	01/11/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	01/11/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	01/11/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**611410**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**214203**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**55471**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**34123**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**2412**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1074**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/10/25/3106 Report No. AA/10/25/3106N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**441256**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**225630**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**34152**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**12563**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3632**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1012**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/10/25/3107 Report No. AA/10/25/3107N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 1 (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**532152**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**131526**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**43120**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**21426**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**4218**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1103**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/10/25/3108	Report No. AA/10/25/3108N	Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 2 (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**641258**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**347892**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**42163**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**44125**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3256**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1058**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/10/25/3109	Report No. AA/10/25/3109N	Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 3 (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**545213**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**274523**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**34128**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**2326**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**5215**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1142**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/10/25/3110 Report No. AA/10/25/3110N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Jetty No. 5 (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**641260**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**131562**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**63569**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**32142**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**5201**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1111**	Particle/m3	By Particle Counter

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TEST REPORT

Sample ID : AA/10/25/3111 Report No. AA/10/25/3111N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Weigh Bridge (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**532510**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**235269**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**63592**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**42102**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3256**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1019**	Particle/m3	By Particle Counter

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(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : AA/10/25/3112 Report No. AA/10/25/3112N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Custom Building (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**432152**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**251632**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**54125**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**32153**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**2156**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1112**	Particle/m3	By Particle Counter

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

End of Report

Note:
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3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
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TEST REPORT

Sample ID : AA/10/25/3113	Report No. AA/10/25/3113N	Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Lal Gate (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**512536**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**214203**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**51203**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**33156**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**4125**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1102**	Particle/m3	By Particle Counter

Ninad Soundankar
Technical Manager (Chemical)
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TEST REPORT

Sample ID : AA/10/25/3114 Report No. AA/10/25/3114N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near DIL Main Gate (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey 24 h
	-			

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**432169**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**242531**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**40256**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**42153**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**3125**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1142**	Particle/m3	By Particle Counter

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Technical Manager (Chemical)
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End of Report

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TEST REPORT

Sample ID : AA/10/25/3115 Report No. AA/10/25/3115N		Report Date	09/10/2025
Name and address of Customer	**PNP Maritime Services Private Limited** 2nd Floor, Lansdowne House, Mahakavi Bhushan Road, Colaba, Mumbai - 400001, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near DIL Godown Back Side (PNP Port)	Date - Sampling	06/10/2025 to07/10/2025
Sample Quantity / Packing	-	Date - Receipt of Sample	08/10/2025
Sampling Procedure	By Particle Counter	Date - Start of Analysis	08/10/2025
Order Reference	As per PO No. PNP/March/YB/2024-25/029 Dated 24.03.2025	Date - Completion of Analysis	08/10/2025

Meteorological Data / Environmental Conditions

Average Wind Velocity - km/h	Wind Direction	Relative Humidity (Max./Min.): -%	Temperature (Max./Min.): -°C	Duration of Survey
	-			24 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Particles ≥0.3µ	**625639**	Particle/m3	By Particle Counter
Particles ≥0.5 µ	**221532**	Particle/m3	By Particle Counter
Particles ≥1.0µ	**63216**	Particle/m3	By Particle Counter
Particles ≥ 2.5µ	**32486**	Particle/m3	By Particle Counter
Particles ≥5.0 µ	**2215**	Particle/m3	By Particle Counter
Particles ≥ 10µ	**1102**	Particle/m3	By Particle Counter

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End of Report

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