

Ref: FACL/BDK/MOEF/143/2025-26
Dtd: 27.11.2025

To

Member Secretary

State Environment Impact Assessment Authority (SEIAA), Odisha,
Ministry of Environment, Forest & CC, Government of India
Qr. No. - 5RF-2/1, Unit-IX
Bhubaneswar - 751022, (Odisha).
Email: seiaaodisha@gmail.com

Ref : 1. **Environment Clearance letter Ref No. 538 /SEIAA dtd. 21.10.2011**
2. **Name of the Project:** Environment Clearance for expansion of CPP from 45 MW to 100 MW of
M/s. FACOR Power Ltd. at Randia in the District of Bhadrak.

Sub : Submission of Six Monthly Compliances Report against Environment Clearance letter No. :
Ref No. 538 /SEIAA dtd. 21.10.2011, issued to M/s. FACOR Power Ltd., presently named as
M/s Ferro Alloys Corporation Ltd. (Power Plant) for the period from April 2025 to
September 2025.

Dear Sir,

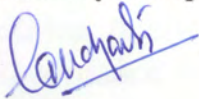
In compliance to the Stipulated Condition No.29 of the Environment Clearance letter No.538/SEIAA dtd. 21.10.2011 issued by your good office, we are submitting herewith Six-Monthly Compliance Report with respect to M/s Facor Power Limited presently known as M/s Ferro Alloys Corporation Limited (Power Plant) for the period from April 2025 to September 2025.

The monthly Environmental Monitoring data and other required information with respect to compliance of the said Six-Monthly compliance for the period from April 2025 to September 2025 are also enclosed herewith for your kind perusal and records.

Thanking you

Yours faithfully

For Ferro Alloys Corporation Ltd.



G C Mohanty
Factory Manager- Power Plant

Enclosed: As above.

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135
T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in
Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

Six Monthly Environmental Compliance Report for the period from April 2025 up to September 2025

Sl No	Stipulated Conditions	Compliance to conditions
i	The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including Solid waste management as mentioned by him in Form-1, Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and conditions.	All necessary measures for prevention and control of air pollution, water pollution, Noise pollution and land pollution have been taken as per prescribed norms and conditions. Online as well as third party (OSPCB authorized agency) monitoring and analysis of all the above parameters are being carried out on a regular basis.
ii	The applicant will take necessary steps for socio economic development of the people of the area on need based assessment for providing employment, education, health care, drinking water and sanitation, road and communication facilities etc. after a detailed primary socio-economic survey.	A professional CSR Team has been engaged for need based assessment and to take necessary steps for socio economic development of the area for providing employment, education, health care, drinking water and sanitation, road and communication facilities etc. after a detailed primary socio -economic survey. However, in the meantime we have taken some steps for socio-economic development such as local employment, development of infrastructure for education, black topping of village road, supply of drinking water for villagers, health care facility etc.
iii	The applicant will comply to the points, concerns and issues raised by the people during public hearing on 24.02.2011 in accordance with the commitments made by him thereon.	The points, concerns and issue raised by the people during public hearing on 24.02.2011 have already been complied.
iv	The applicant will take statutory clearance/ approval / permissions from the concerned authorities in respect of his project as and when required.	All statutory clearance / approval / permission from the concerned authorities in respect of project have been obtained as and when required.

v	For post environmental clearance monitoring, the applicant will submit half-yearly compliance report in respect of the stipulated terms and conditions of Environmental Clearance to the State Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Odisha on 1st June and 1st December of each calendar year.	Half yearly compliance report in respect of the stipulated terms and conditions of Environmental clearance are being submitted to the SEIAA, Odisha on stipulated date.
vi	High efficiency electrostatic precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm ³ .	ESP installed to maintain SPM emissions below 50mg/ Nm ³ . We have also installed an online monitoring facility with RT-DAS as well as manual monitoring and analysis by an OSPCB approved outsource agency, which shows the particulate emission is within the standard. Report is enclosed as Annexure-1.
vii	Excess water along with storm water during monsoon should not be discharged into the surrounding low-lying area. The storm water during monsoon will be collected in a pond and after appropriate treatment shall be stored in a reservoir for use in plantation, dust suppression etc.	Excess water along with storm water during monsoon are not being discharged into the surrounding low-lying area. Separate drains are provided to collect storm water during monsoon and Surface Runoff Treatment Facility has been implemented to treat the water and reuse in process and dust suppression.
viii	Under no circumstances the process water shall be discharged to nearby water body. It should be properly treated, stored and 100% recycled in the process.	100% recycling of process water is done through ETP (R.O. Plant). Zero discharge scheme is adopted to ensure no discharge to outside.
ix	The proponent shall obtain permission from Water Resources Department, Govt. of Odisha for drawl of water.	Permission for drawal of water from river Salandi has already obtained from Water Resource Dept., Govt. of Odisha on dated 27.12.2013.
x	No ground water shall be extracted for the project work at any stage.	No ground water is being extracted for this project.

xi	The technical specification of CFBC system, lime requirement along with point of injection into the bed, peak temperature of combustion, SO ₂ and NO _x emission potential etc. from the manufacturer to ensure the pollution potential (both qualitative and quantitative) of the proposed project with respect to bed ash, fly ash, effluents, emissions etc. to be submitted to SEIAA before commissioning of the plant.	All technical specifications of CFBC system along with pollution potential had been submitted to the authority before commissioning of the plant. Online monitoring for SO _x , NO _x & SPM has been carried out. Evacuation of Fly ash and Bed ash from Boiler to silo is being done through pneumatic conveying system. Zero discharge has been adopted.
xii	The proponent shall treat the flue gas through Flue Gas De-sulfurisation (FGD), if SO ₂ emission level exceeds the prescribed norm.	SO ₂ emission level is very less than the prescribed standard. Hence treatment of Flue gas is not required. Regular monitoring by third party on monthly basis has also been carried out. Copy of monitoring report from April 2025 to September 2025 are enclosed herewith as Annexure-1
xiii	Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	Dust suppression and Dust extraction system have been provided in Coal Handling Plant transfer areas, Wagon Tippler etc. Sprinkling and spray arrangements have been provided in coal stockpile area and Ash Handling Points. Photocopies are enclosed as Annexure-2
xiv	Fly ash shall be collected in dry form and storage facility (silos) shall be provided 100% fly ash utilization shall be ensured as per fly ash notification of MoEF, Govt. of India. Unutilized fly ash and bottom ash shall be stored in the ash pond separately through high concentration slurry disposal method. Mercury levels along with other heavy metals (Pb,Cr,As etc) should be monitored in the fly ash/ bottom ash, leachates and effluents emanating from the ash pond.	Pneumatic conveying system has been provided for dry ash disposal along with silos. Almost 100% ash utilization is being achieved. There are no effluents emanating from ash pond. However, ground water monitoring near ash pond is being conducted regularly. Test report is attached as Annexure 3
xv	Ash Pond shall be lined with HDPE/ LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be	Lining with HDPE sheet was done in Ash Pond. Grass turfing and plantation has done in ash pond dyke to avoid erosion.

	implemented to protect the ash dyke from getting breached.	
xvi	The treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary. Arrangements shall be made so that effluents and storm water do not get mixed.	Effluent from process is being treated through ETP and recycled in process. ETP reject water is being used in dust suppression in ash silos. There is no discharge of wastewater outside the plant boundary. Arrangement has been made so that effluents and storm water do not get mixed. Runoff from plant is being treated through Surface Runoff Treatment System (SRTP).
xvii	A sewage treatment plant shall be provided, and the treated sewage shall be used for raising green belt/ plantation.	10 KLD STP is in operational condition. All the treated water is being used for green belt development. Report of the treated water is enclosed herewith as Annexure- 4.
xviii	The project proponent shall undertake proactive water harvesting measures and water storage for a larger period not less than 30 days storage shall be developed. The rainwater harvesting system shall be put in place before commissioning of the plant. Central Ground water Authority, Board shall be consulted for finalization of appropriate rainwater harvesting technology/ design within a period of three months from the date of this clearance and details shall be furnished. The design of rainwater harvesting shall comprise of rainwater collection from the built up and open area in the plant premises. Action plan and road map for implementation shall be submitted to the SEIAA within six months.	There are two nos of reservoir of 290000 m3 total capacity for storage of water which are adequate to provide storage of water more than 30days. Two nos. of rooftop rainwater harvesting structures in admin building and control room has been provided to emphasize water harvesting. Photographs are attached as Annexure 5
xix	Adequate safety measures shall be provided in the plant area to check/ minimize spontaneous fires in coal yard, especially during summer season. Details of these measures to be taken along with	Hydrant firefighting system & sprinkler system have been incorporated to meet such situation. Fire hydrant line super impose with plant layout is enclosed in Annexure-6.

	location plant layout shall be submitted to the SEIAA, Odisha.	Details of these measures and plant layout has been submitted to the SEIAA, Odisha.
xx	Storage facilities for auxiliary liquid fuel such as LDO and HFO/ LSHS shall be made in the plant area where risk is minimum. On site and off site Disaster Management Plans shall be prepared to meet any eventuality in case of an accident taking place. Mock drills shall be incorporated in the Disaster Management Plan (DMP). Sulfur content in the liquid fuel will not exceed 0.5%.	A separate storage facility has been provided for HSD. Onsite and off-site Disaster Management Plans are available. Mock drills are being conducted as per approved plan. Approval of onsite emergency plan is enclosed for reference in Annexure-7 . Sulphur content in the liquid fuel is not exceeding 0.5%.
xxi	Regular monitoring of ground water in and around the ash pond area shall be carried out records maintained, and half yearly reports shall be furnished to the SEIAA, Odisha.	Regular monitoring of ground water near the ash pond area has been carried out and records are maintained. Monitoring Report has been attached with half yearly reports, sent to the SEIAA, Odisha. Report enclosed herewith as Annexure-3 .
xxii	A green belt of adequate width and density, preferably with local species along with periphery of the plant & alongside roads etc. shall be raised so as to provide protection against particulates and noise. It must be ensured that at least 33% of the total land area shall be under permanent green belt throughout the year & for this purpose they may engage professionals in this field for creation and accordingly submitted to the SEIAA, Odisha.	Power Plant has achieved 36.43% greenbelt coverage. However, we are continuing greenbelt development in and around the plant vacant areas of different species which can provide protection against particulate matter and noise. Greenbelt Report is attached herewith Annexure 3A
xxiii	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First aid and sanitation arrangement were provided during construction phase.



xxiv	Noise levels emanating from turbines and air compressors shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipments like earplugs/ earmuffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy areas.	Acoustic enclosure has been provided for turbines and air compressors to restrict the noise level below 75dBA. Site workers are provided with ear plugs. Periodical health check-ups are being carried out and no such abnormality of hearing loss has been found yet. Noise reports are enclosed herewith as Annexure- 8.
xxv	Regular monitoring of ground level concentration of SO ₂ , NO _x , RSPM (PM ₁₀ & PM _{2.5}) etc. shall be carried out in the impact zone and records to be maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB, Odisha.	Regular monitoring of ambient air (SO _x , NO _x , PM ₁₀ & PM _{2.5}) has been carried out and the results are within the prescribed limits. The reports of above parameters are enclosed herewith in Annexure-9
xxvi	Management and disposal of other solid waste and hazardous waste generated shall be done by the project proponent as per the provisions of the relevant statutory rules.	Management and disposal of other solid waste and hazardous waste generated are being done by the project proponent as per the provisions of the relevant statutory rules. Water sprinkling is done to suppress dust and all other solid waste. Hazardous waste is being disposed to authorized vendors.
xxvii	Provision shall be made for housing of construction labourers 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.	It was provided during construction.

xxvii i	An Environmental cell comprising of at least one expert in environmental science/ engineering, occupational health and social scientist, shall be created at the project site itself and shall be headed by an officer or appropriate superiority and qualification. It shall be ensured that the Head of the cell shall directly report to the head of the organisation and he shall be held responsible for implementation of environmental regulations and social impact improvement/ mitigation measures.	An environment Cell consisting of expert in environmental science / engineering has been created and being followed accordingly. Enclosed in Annexure-10 .
xxix	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to the appropriate authorities (SEIAA, Odisha)	Half yearly compliance report of the stipulated conditions is being submitted to the SEIAA, Odisha.
xxx	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported.	Separate budget has been allocated for implementation of environment protection measures and the same is being utilized for the said purposes. Year wise expenditure is being reported in Environmental Statement (Form V). Enclosed in Annexure-11 .
xxxi	The need of the local people should be appropriately addressed in the CSR activities to be undertaken by the project proponent in the area. An action plan in this regard should be prepared and submitted to SEIAA, Odisha.	CSR activities are continuing by the help of local people. It includes health camp ie, health check-up, blood donation camp, distribution of medicines from village to village, facilitate drinking water to the villagers, construction of college science block, renovation of village roads and plantation of trees on and around the villages, school, college, banks etc.



xxxii	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter informing that the project has been accorded environmental clearance and copies of clearance letter area available with the State Pollution Control Board and SEIAA.	The project proponent was advertised in the local newspaper dated 11.05.2009. Copy enclosed herewith as Annexure-12 .
xxxii i	A copy of the clearance letter shall be sent by the proponent to concern Panchayat, Zila Parishad / Municipal Corporation, urban local body and the local NGO, if any, from whom suggestions/representations, if any received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	A copy of the Environment Clearance letter was sent by the Project Proponent to the concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local body and the Local NGO. A copy of the EC has been displayed on the company website. Screenshot of company website is enclosed in Annexure -13 .
xxxiv	The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	The Environment statement in Form-V is being submitted to the Board annually and the same has been displayed on the website of the company. Copy enclosed in Annexure -11.
xxxv	The above mentioned stipulated conditions shall be complied in time bound manner. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract penal action under the provisions of Environment Protection (EP) Act, 1986.	Agree to abide.





KALYANI LABORATORIES PVT.LTD.

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

Annexure 1

TEST REPORT

Test Report No	: KLPL/04/25/ENVN/00541	Issue Date	: 02-May-2025
Amendment No	: -	Amendment Date	: -
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 26-April-2025	Commenced On	: 26-April-2025
		Completion On	: 02-May-2025
Sample Name	: FLUE GAS STACK MONITORING		
Sample Condition	: GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref.To Sampling Procedure	: KLPL/SOP/AIR-20		
Parameters	Unit	Standard Value	Results
Location & Date	: DG STACK , DATE 27.03.2025		
Particulate Matter	mg/Nm ³	50	21.43
Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	--	<0.001
Carbon Dioxide (CO ₂)	%	--	8.9
Oxides of Nitrogen	mg/Nm ³	450	115.42
Stack Temperature	Deg kelvin	--	328
Velocity	m/sec	--	6.2
Quantity of Gas Flow	Nm ³ / hr	--	2654
Mercury (as Hg)	mg/Nm ³	0.03	0.011
Sulphur Dioxide as SO ₂	mg/Nm ³	600	176.32

Remarks : -

Any unusual feature observed during determination :NIL
The results relate only to samples tested and test parameters

Analysed By
L. Senapati
Miss. Liza Senapati
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****



KALYANI LABORATORIES PVT.LTD.

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	:	KLPL/04/25/ENVN/00542	Issue Date	:	05-May-2025
Amendment No	:	-	Amendment Date	:	-
Reference	:	P.O NO-FPPL/3100006601,DATE-8.11.2022			
Customer Name	:	POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.			
Address	:	D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA			
Date of receipt	:	26-April-2025	Commenced On :	26-April-2025	Completion On: 05-May-2025
Sample Name	:	FLUE GAS STACK MONITORING			
Sample Condition	:	GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED			
Sample Collected By	:	MR. SUDHIR KUMAR BARIK			
Ref.To Sampling Procedure	:	KLPL/SOP/AIR-20			
Parameters		Unit	Standard Value	Results	Test Method
Location & Date : STACK ATTACHED TO ESP BOILER, DATE 26.04.2025					
Particulate Matter		mg/Nm³	50	47.32	IS 11255(Part-1):1985,RA:2019
Carbon Monoxide (CO) (01 Hrs.)		mg/m³	--	<0.001	KLPL/SOP/AIR-20:2019
Carbon Dioxide (CO2)		%	--	9.4	KLPL/SOP/AIR-20:2019
Oxides of Nitrogen		mg/Nm³	450	182.52	KLPL/SOP/AIR-20:2019
Stack Temperature		Deg kelvin	--	449	IS 11255(Part-1):1985,RA:2019
Velocity		m/sec	--	9.95	IS 11255(Part-1):1985,RA:2019
Quantity of Gas Flow		Nm3 / hr	--	295826	IS 11255(Part-1):1985,RA:2019
Mercury (as Hg)		mg/Nm³	0.03	0.018	KLPL/SOP/STACK-HM-21: 2023
Sulphur Dioxide as SO2		mg/Nm³	600	216.52	IS 11255(part-2):1985,RA:2019

Remarks

Any unusual feature observed during determination :NIL
The results relate only to samples tested and test parameters

Analysed By

L. Senapati
Miss. Liza Senapati
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****



Kalyani Laboratories

KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENNIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA



+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/05/25/ENVN/00586	Issue Date	: 26-May-2025
Amendment No	: -	Amendment Date	: -
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 14-May-2025	Commenced On	: 14-May-2025
		Completion On	: 26-May-2025
Sample Name	: FLUE GAS STACK MONITORING		
Sample Condition	: GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref.To Sampling Procedure	: KLPL/SOP/AIR-20		

Parameters	Unit	Standard Value	Results	Test Method
Location & Date : STACK ATTACHED TO ESP BOILER, DATE-13.05.2025				
Particulate Matter	mg/Nm ³	50	43.00	IS 11255(Part-1):1985,RA:2019
Carbon Monoxide (CO) (01 Hrs)	mg/m ³	--	<0.001	KLPL/SOP/AIR-20:2019
Carbon Dioxide (CO ₂)	%	--	6.7	KLPL/SOP/AIR-20:2019
Oxides of Nitrogen	mg/Nm ³	450	127.42	KLPL/SOP/AIR-20:2019
Stack Temperature	Deg kelvin	--	452	IS 11255(Part-1):1985,RA:2019
Velocity	m/sec	--	9.17	IS 11255(Part-1):1985,RA:2019
Quantity of Gas Flow	Nm ³ / hr	--	269729	IS 11255(Part-1):1985,RA:2019
Mercury (as Hg)	mg/Nm ³	0.03	0.013	KLPL/SOP/STACK-HM-21: 2023
Sulphur Dioxide as SO ₂	mg/Nm ³	600	138.32	IS 11255(part-2):1985,RA:2019

Remarks

: -

Any unusual feature observed during determination :NIL
 The results relate only to samples tested and test parameters

Analysed By

L. Senapati

Miss. Liza Senapati
 For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal

For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****

KLPL- 10010008



KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/6/25/ENVN/00623	Issue Date	: 26-Jun-2025
Amendment No	: -	Amendment Date	: -
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 23-Jun-2025	Commenced On	: 23-Jun-2025
		Completion On	: 26-Jun-2025
Sample Name	: FLUE GAS STACK MONITORING		
Sample Condition	: GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref.To Sampling Procedure	: KLPL/SOP/AIR-20		

Parameters	Unit	Standard Value	Results	Test Method
Location & Date	: STACK ATTACHED TO ESP BOILER, DATE-21.06.2025			
Particulate Matter	mg/Nm ³	50	47.0	IS 11255(Part-1):1985,RA:2019
Carbon Monoxide (CO) (01 Hrs)	mg/m ³	--	<0.001	KLPL/SOP/AIR-20:2019
Carbon Dioxide (CO ₂)	%	--	6.4	KLPL/SOP/AIR-20:2019
Oxides of Nitrogen	mg/Nm ³	450	147.2	KLPL/SOP/AIR-20:2019
Stack Temperature	Deg kelvin	--	437	IS 11255(Part-1):1985,RA:2019
Velocity	m/sec	--	9.64	IS 11255(Part-1):1985,RA:2019
Quantity of Gas Flow	Nm ³ / hr	--	274726	IS 11255(Part-1):1985,RA:2019
Mercury (as Hg)	mg/Nm ³	0.03	0.011	KLPL/SOP/STACK-HM-21: 2023
Sulphur Dioxide as SO ₂	mg/Nm ³	600	176.4	IS 11255(part-2):1985,RA:2019

Remarks : -

Any unusual feature observed during determination :NIL
The results relate only to samples tested and test parameters

Analysed By

L. Senapati
Miss. Liza Senapati
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

End of Test Report



KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/07/25/ENVN/00647	Issue Date	: 28-Aug-2025
Amendment No	: -	Amendment Date	: -
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 28-July-2025	Commenced On	: 28-July-2025
		Completion On	: 28-Aug-2025
Sample Name	: FLUE GAS STACK MONITORING		
Sample Condition	: GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref.To Sampling Procedure	: KLPL/SOP/AIR-20		
Parameters	Unit	Standard Value	Results
Test Method			
Location & Date	: STACK ATTACHED TO ESP BOILER, DATE-26.07.2025		
Particulate Matter	mg/Nm ³	50	47.00
			IS 11255(Part-1):1985,RA:2019
Carbon Monoxide (CO)	%	--	10
			KLPL/SOP/AIR-20:2019
Carbon Dioxide (CO ₂)	%	--	6.3
			KLPL/SOP/AIR-20:2019
Oxides of Nitrogen	mg/Nm ³	450	155.42
			KLPL/SOP/AIR-20:2019
Stack Temperature	Deg kelvin	--	452
			IS 11255(Part-1):1985,RA:2019
Velocity	m/sec	--	9.17
			IS 11255(Part-1):1985,RA:2019
Quantity of Gas Flow	Nm ³ / hr	--	239729
			IS 11255(Part-1):1985,RA:2019
Mercury (as Hg)	mg/Nm ³	0.03	0.012
			KLPL/SOP/STACK-HM-21: 2023
Sulphur Dioxide as SO ₂	mg/Nm ³	600	126.32
			IS 11255(part-2):1985,RA:2019

Remarks

Any unusual feature observed during determination :NIL
The results relate only to samples tested and test parameters

Analysed By

L. Senapati

Miss. Liza Senapati
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal

For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****

KLPL- 1001905B



KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENNIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/8/25/ENVN/00666

Issue Date : 08-Sep-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 30-Aug-2025 **Commenced On** : 30-Aug-2025 **Completion On** : 08-Sep-2025

Sample Name : **FLUE GAS | STACK MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED

Sample Collected By : BY KLPL (MR. SUDHIR KUMAR BARIK)

Ref.To Sampling Procedure : KLPL/SOP/AIR-20

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
------------	------	-------------	---------	--------------------	-------------

Location & Date : **STACK ATTACHED TO ESP BOILER, DATE-30.08.2025**

i	Sulphur Dioxide (SO ₂)	mg/Nm ³	600	122.48	--	IS 11255(part-2):1985,RA:2014
ii	Particulate Matter	mg/Nm ³	50	42.0	--	IS 11255(Part-1):1985,RA:2014
iii	Carbon Monoxide (CO) (01 Hrs.)	%	--	11	--	KLPL/SOP/AIR-20:2019
iv	Carbon Dioxide (CO ₂)	%	--	6.8	--	KLPL/SOP/AIR-20:2019
v	Oxides of Nitrogen	mg/Nm ³	450	162.23	--	KLPL/SOP/AIR-20:2019
vi	Velocity	m/sec	--	8.35	--	IS 11255(Part-1):1985,RA:2019
vii	Stack Temperature	Deg kelvin	--	431	--	IS 11255(Part-1):1985,RA:2019
viii	Quantity of Gas Flow	Nm ³ / hr	--	237842	--	IS 11255(Part-1):1985,RA:2019
ix	Mercury (as Hg)	mg/Nm ³	0.03	0.011	--	KLPL/SOP/STACK-HM-21: 2023





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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/9/25/ENVN/00693

Issue Date : 07-Oct-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 29-Sep-2025 **Commenced On** : 29-Sep-2025 **Completion On** : 07-Oct-2025

Sample Name : **FLUE GAS | STACK MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED

Sample Collected By : KLPL (MR. SUDHIR KUMAR BARIK)

Ref.To Sampling Procedure : KLPL/ SOP/AIR-05 & QSP-07

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
------------	------	-------------	---------	--------------------	-------------

Location & Date : 1000 KV DG, DATE-29.09.2025

i	Sulphur Dioxide	mg/Nm ³	600	121.5	As per CTO	IS 11255(part-2):1985,RA:2014
ii	Particulate Matter	mg/Nm ³	50	23.21	As per CTO	IS 11255(Part-1):1985,RA:2014
iii	Carbon Monoxide (CO) (01 Hrs.)	%	--	6.0	--	KLPL/SOP/AIR-20:2019
iv	Carbon Dioxide (CO ₂)	%	--	9.3	--	KLPL/SOP/AIR-20:2019
v	Oxides of Nitrogen	mg/Nm ³	450	84.6	As per CTO	KLPL/SOP/AIR-20:2019
vi	Velocity	m/sec	--	6.2	--	IS 11255(Part-1):1985,RA:2019
vii	Stack Temperature	Deg kelvin	--	328	--	IS 11255(Part-1):1985,RA:2019
viii	Quantity of Gas Flow	Nm ³ / hr	--	2654	--	IS 11255(Part-1):1985,RA:2019
ix	Mercury (as Hg)	mg/Nm ³	0.03	0.005	As per CTO	KLPL/SOP/STACK-HM-21: 2023





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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/9/25/ENVN/00692

Issue Date : 07-Oct-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 29-Sep-2025 **Commenced On** : 29-Sep-2025 **Completion On** : 07-Oct-2025

Sample Name : **FLUE GAS | STACK MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED

Sample Collected By : KLPL (MR. SUDHIR KUMAR B ARIK

Ref.To Sampling Procedure: KLPL/ SOP/AIR-05 & QSP-07

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : ESP BOILER, DATE-29.09.2025					
i Sulphur Dioxide	mg/Nm ³	600	132.6	As per CTO	IS 11255(part-2):1985,RA:2014
ii Particulate Matter	mg/Nm ³	50	43.13	As per CTO	IS 11255(Part-1):1985,RA:2014
iii Carbon Monoxide (CO) (01 Hrs.)	%	--	9.0	--	KLPL/SOP/AIR-20:2019
iv Carbon Dioxide (CO ₂)	%	--	5.8	--	KLPL/SOP/AIR-20:2019
v Oxides of Nitrogen	mg/Nm ³	450	182.4	As per CTO	KLPL/SOP/AIR-20:2019
vi Velocity	m/sec	--	10.27	--	IS 11255(Part-1):1985,RA:2019
vii Stack Temperature	Deg kelvin	--	455	--	IS 11255(Part-1):1985,RA:2019
viii Quantity of Gas Flow	Nm ³ / hr	--	211527.69	--	IS 11255(Part-1):1985,RA:2019
ix Mercury (as Hg)	mg/Nm ³	0.03	0.008	As per CTO	KLPL/SOP/STACK-HM-21: 2023



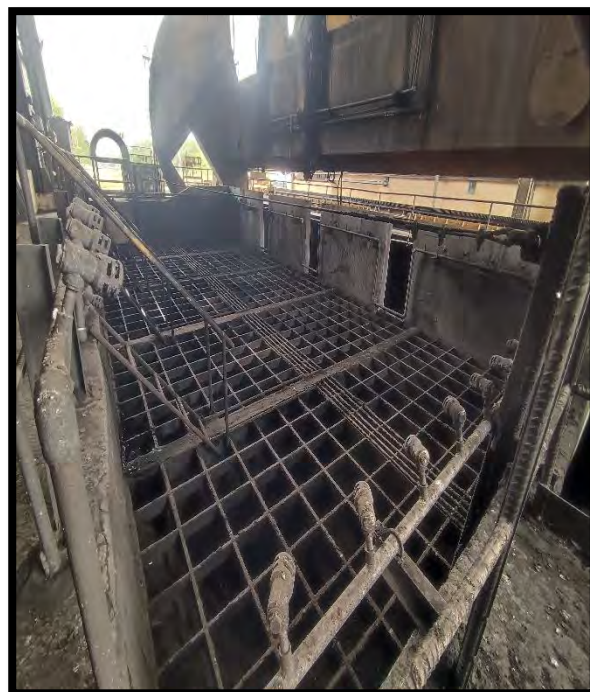
Dust Suppression Systems



Dedusting Units in Coal Handling Plant



Water Sprinklers in Coal Stock Area



Water Sprinklers in Wagon Tippler

TEST REPORT

Annexure :-

Test Report No : KLPL/05/25/WATER/03253

Issue Date : 25-May-2025

Amendment No : --

Amendment Date : --

Reference : PO NUMBER :4920059098,PO DATE :17.12.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 14-May-2025 **Commenced On** : 14-May-2025 **Completion On** : 25-May-2025

Sample Description : **DRINKING WATER (IS 10500:2012)**

Form|Shape|Appearance : SEALED PET BOTTLE

Sample Identification : **GROUND WATER**

Batch No , Lot No : NOT APPLICABLE

MFG Date : NOT APPLICABLE **EXP Date** : NOT APPLICABLE

Received Quantity : 4 LITRE

Sample Collection Location, & Date :

Sample Collected By : MR. SUDHIR KUMAR BARIK

NEAR ASH POND -13.05.2025

Sampling Procedure if Any : KLPL/QSP-07

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Bromoform	mg/l , max	0.1	<0.1	IS : 10500 : 2012	APHA 6232
ii	Dibromochloromethane	mg/l, Max	0.1	<0.1	IS : 10500 : 2012	APHA 24th Edition-2023 (6232)
iii	Chloroform	mg/l, Max	0.2	<0.2	IS : 10500 : 2012	APHA 24th Edition 6232
iv	Bromodichloromethane	mg/l, Max	0.06	<0.06	IS : 10500 : 2012	APHA 24th Edition 6232

BACTERIOLOGICAL QUALITY

i	Total Coliforms	MPN/100 ml	Shall not be detected in any 100ml sample	<2	IS : 10500 :2012	IS 1622:1981 RA 2009
ii	E.coli	MPN/100ml	Shall not be detected in any 100ml sample	<2	IS : 10500 : 2012	IS 1622:1981, RA 2009

CHEMICAL PARAMETER

i	Nitrate as NO3	mg/l, Max	45	0.5	IS : 10500 :2012	Cl.3.0 of IS 3025 (PART 34): 1988, RA 2019
ii	Ammonia	mg/l, Max	0.5	<0.03	IS : 10500 : 2012	IS:3025(Part-34) : 2012
iii	Calcium (as Ca)	mg/l, Max	75	40	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part 40):1991, RA 2019
iv	Chloride (as Cl)	mg/l, Max	250	40	IS : 10500 :2012	IS 3025 (Part 32):1988, RA 2019
v	Copper (as Cu)	mg/l, Max	0.05	<0.02	IS : 10500 :2012	Cl.6.0 of IS 3025 (Part 42):1992, RA 2019
vi	Fluoride (as F)	mg/l, Max	1	0.33	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part 60):2008, RA 2019





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+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/05/25/WATER/03253

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
vii	Free residual chlorine	mg/l, Min	0.2	<0.05	IS : 10500 :2012	Cl.3.0 of IS 3025 (Part 26):2021
viii	Iron (as Fe)	mg/l, Max	1	<0.05	IS : 10500 :2012	Cl.6.0 of IS 3025 (Part 53):2003, RA 2019
ix	Magnesium (as Mg)	mg/l, Max	30	16.52	IS : 10500 :2012	Cl.6.0 of IS 3025 (Part 46):1994, RA 2019
x	Manganese (as Mn)	mg/l, Max	0.1	<0.05	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part 59):2006, RA 2017
xi	Mineral oil	mg/l, Max	0.5	<0.5	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part- 39):2021
xii	Phenolic compounds (as C ₆ H ₅ OH)	mg/l, Max	0.001	<0.001	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part 43):1992, RA 2019
xiii	Selenium (as Se)	mg/l, Max	0.01	<0.005	IS : 10500 :2012	Cl.7.0 of IS 3025 (Part 56):2003, RA 2019
xiv	Sulphate (as SO ₄)	mg/l, Max	200	24	IS : 10500 :2012	Cl.4.0 of IS 3025 (Part 24):1986, RA 2019
xv	Total alkalinity (as CaCO ₃),	mg/l, Max	200	160	IS : 10500 :2012	IS 3025 (Part 23):1986, RA 2019
xvi	Total hardness (as CaCO ₃),	mg/l, Max	200	168	IS : 10500 :2012	IS 3025 (Part 21):2009, RA 2019
xvii	Zinc (as Zn)	mg/l, Max	5	<0.05	IS : 10500 :2012	Cl.6.0 of IS 3025 (Part 49):1994, RA 2019
xviii	Total Chromium	mg/l, Max	0.05	<0.01	IS : 10500 :2012	APHA 24th Edition(3111 C): 2023
xix	Sulphide	mg/l, Max	0.05	<0.01	IS : 10500 : 2012	Cl.3.0 of IS 3025 (Part 29):1986 RA 2019
xx	Aluminium (as Al)	mg/l,Max	0.03	<0.02	IS :10500:2012	Cl.5.0 of IS 3025 (part-55):2003, RA 2019
xxi	Anionic Surface Active Agents (as MBAS)	mg/l, Max	0.2	<0.05	IS : 10500 :2012	Annex - K OF IS 13428:2005
xxii	Boron (as B)	mg/l, Max	0.5	<0.1	IS : 10500 :2012	IS 3025 (Part-57):2021
xxiii	Polynuclear Aromatic Hydrocarbon	mg/l, Max	0.0001	<0.00005	IS : 10500 :2012	APHA 24th Edition (6440-B):2023
xxiv	Barium (as Ba)	mg/l, Max	0.7	<0.2	IS : 10500 : 2012	Annex F of IS 13428:2005
xxv	Silver (as Ag)	mg/l, Max	0.1	<0.005	IS : 10500 : 2012	Annex J of IS 13428 : 2005 RA 2009
xxvi	Molybdenum (as Mo)	mg/l, Max	0.07	<0.01	IS : 10500 : 2012	IS 3025 (Part 2): 2002
xxvi	Chloramines (Cl ₂)	mg/l, Max	4.0	<1.0	IS : 10500 : 2012	IS 3025 (Part 26):2009



Test Report No : KLPL/05/25/WATER/03253

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
xxvi	Polychlorinated biphenyls	mg/l, Max	0.0005	<0.00005	IS : 10500 : 2012	Annex M of IS 13428 : 2005
PESTISIDE						
i	p p DDE	µg/l, Max	1	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
ii	p p DDD	µg/l, Max	1	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
iii	p p DDT	µg/l, Max	1	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
iv	o p DDT	µg/l, Max	1	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
v	o p DDD	µg/l, Max	1	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
vi	α-HCH	µg/l, Max	0.01	<0.01	IS : 10500 : 2012	USEPA 508,Rev 01:1994
vii	β-HCH	µg/l, Max	0.04	<0.04	IS : 10500 : 2012	USEPA 508,Rev 01:1994
viii	γ-HCH	µg/l, Max	0.04	<0.04	IS : 10500 : 2012	USEPA 508,Rev 01:1994
ix	Lindane	µg/l, Max	2	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
x	Endosulfan a	µg/l, Max	0.4	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
xi	Endosulfan sulphate	µg/l, Max	0.4	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
xii	Monocrotophos	µg/l, Max	1	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xiii	Chlorpyrifos	µg/l, Max	30	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xiv	Phorate	µg/l, Max	2	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xv	Isoproturon	µg/l, Max	9	<0.05	IS : 10500 : 2012	USEPA 8321,Rev 01,Dec:1996
xvi	Methyl Parathion	µg/l, Max	0.3	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xvii	Malathion	µg/l, Max	190	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xviii	Polychlorinated biphenyls	mg/l, Max	0.0005	<0.00005	IS : 10500 : 2012	Annex M of IS 13428 : 2005
xix	Endosulfan β	µg/l, Max	0.4	<0.05	IS : 10500 : 2012	USEPA 508,Rev 01:1994
xx	2,4-D	µg/l, Max	30	<0.05	IS : 10500 : 2012	USEPA 515.1,Rev 01:1995



Test Report No : KLPL/05/25/WATER/03253

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
xxi	Butachlor	µg/l, Max	125	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xxii	Alachlor	µg/l, Max	20	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xxiii	Atrazine	µg/l, Max	2	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
xxiv	Dieldrin	µg/l, Max	0.03	<0.03	IS : 10500 : 2012	USEPA 508,Rev 01:1994
xxv	Ethion(Residue to be Determined as ethion and its oxygen analogue and expressed as ethion)	µg/l, Max	3	<0.05	IS : 10500 : 2012	USEPA 8141 A,Rev 01:1994
PHYSICAL PARAMETER						
i	Colour	Hazen, Max	5	<1.0	IS : 10500 :2012	Cl.2.0 of IS 3025 (Part 4): 2021
ii	Odour	--	Agreeable	AGREEABLE	IS : 10500 :2012	IS 3025 (Part 5):1983,RA:2012
iii	pH value	--	6.5-8.5	7.3	IS : 10500 : 2012	IS 3025 (Part-11):1983,RA:2012
iv	Taste	--	Agreeable	AGREEABLE	IS : 10500 :2012	IS 3025 (Part 8):1984, RA 2017
v	Turbidity	NTU, Max	1	0.5	IS : 10500 :2012	IS 3025 (Part 10):1984, RA 2017
vi	Total dissolved solids	mg/l, Max	500	300	IS : 10500 :2012	IS 3025 (Part 16):1984, RA 2017
TOXIC SUBSTANCES						
i	Cadmium (as Cd)	mg/l, Max	0.003	<0.001	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part 41):1992, RA 2019
ii	Cyanide (as CN)	mg/l, Max	0.05	<0.02	IS : 10500 :2012	IS 3025 (Part 27):1986, RA 2019
iii	Lead (as Pb)	mg/l, Max	0.01	<0.005	IS : 10500 :2012	Cl.7.0 of IS 3025 (Part 47):1994, RA 2019
iv	Mercury (as Hg)	mg/l, Max	0.001	<0.0005	IS : 10500 :2012	Cl.5.0 of IS 3025 (Part 48):1994, RA 2019
v	Total arsenic (as As)	mg/l, Max	0.01	<0.001	IS : 10500 :2012	IS 3025 (Part 37):1988, RA 2019
vi	Nickel (as Ni)	mg/l, Max	0.02	<0.01	IS : 10500 : 2012	Cl 7.0 of IS 3025 (Part 54):2005



Greenbelt

PP currently has 36.43% green belt coverage. PP is continuously working to achieve the tree density to 2500/Ha by using the existing vacant land and replacement of damaged plants.

Details of plantation are provided below.

Total land coverage by the project : 18.2 HA.

Green Belt developed area : 6.6 HA.

Plantation: (Apr 2025-Sept 2025)

Year of plantation	Species planted	Spacing	Height attained (As on Date)	Total area covered in Ha (approx.)
2025-26	4,320	1.5 m	0.8 m	1.7

Trees Details:

Local Name	Botanical Name	Family
Trees		
Nimba	<i>Azadiracta india</i>	Meliaceae
Radhachura	<i>Peltophurum ferrugineum</i>	Caesalpiniaceae
Karanja	<i>Pongamia pinnata</i>	Fabaceae
Acacia	<i>Acacia auriculiformis</i>	Mimosaceae
Debadaru	<i>Polyalthia longifolia</i>	Annonaceae
Jamun	<i>Syzygium cumini</i>	Myrtaceae
Kadamba	<i>Neolamarckia cadamba</i>	Neolamarckia cadamba
Sishu	<i>Dalbergia sissoo</i>	Fabaceae
Amla	<i>Phyllanthus emblica</i>	Phyllanthaceae
Arjun	<i>Terminalia arjuna</i>	Combretaceae
Debdaru	<i>Polyalthia longifolia</i>	Annonaceae
Banyan	<i>Ficus benghalensis</i>	Moraceae
Bahada	<i>Terminalia bellirica</i>	Combretaceae
Sunari	<i>Cassia fistula</i>	Fabaceae
Peepal	<i>Ficus religiosa</i>	Moraceae
Shrubs		
Pedipedika	<i>Abutilon persicum</i>	Malvaceae
Dalimba	<i>Punica granatum</i>	Puniaceae



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Annexure 4

Test Report No	: KLPL/05/25/WATER/03249
Issue Date	: 26-May-2025
Amendment No	: --
Amendment Date	: --
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA
Date of receipt	: 14-May-2025 Commenced On : 14-May-2025 Completion On: 26-May-2025
Sample Description	: STP OUTLET WATER
Form\Shape\Appearance	: SEALED PET BOTTLE
Sample Identification	: STP OUTLET WATER
Batch No , Lot No	: NOT APPLICABLE MFG Date : NOT APPLICABLE EXP Date: NOT APPLICABLE
Received Quantity	: 1 LITRE Sample Collection Location, & Date : PLANT STP OUTLET, DATE-13.05.2025
Sample Collected By	: MR. SUDHIR KUMAR BARIK
Sampling Procedure if Any	: KLPL/QSP-07

SI	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Feacal Collform	MPN/100ml	<1000	130	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	1622:1981, RA 2009
CHEMICAL PARAMETER						
ii	Total Suspended Solids.	mg/l, Max	<100	36	As per CTO	APHA 24th Edition (2540 D):2023
i	Biochemical Oxygen Demand(For 3 days 27deg C)	mg/l, Max	30	10	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (5210 B):2023
PHYSICAL PARAMETER						
i	pH value	--	6.5-9.0	7.42	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (4500-H+-B): 2023

Opinion & Interpretation: --

Any unusual feature observed during determination : NIL

Customer information if any : NIL

Confirmation statement as per decision rule , if applicable : --

Analysed By

L. Senapati

Miss .Liza Senapati
For Kalyani Laboratories Pvt. Ltd.



Authorised By

Dr. Debasis Biswal

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****

KALYANI LABORATORIES PVT.LTD.

Kalyani Laboratories

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/04/25/WATER/03102
Issue Date	: 03-May-2025
Amendment No	: --
Amendment Date	: --
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA
Date of receipt	: 28- April -2025 Commenced On : 28- April -2025 Completion On: 03-May-2025
Sample Description	: STP OUTLET WATER
Form Shape Appearance	: SEALED PET BOTTLE
Sample Identification	: STP OUTLET WATER
Batch No , Lot No	: NOT APPLICABLE MFG Date : NOT APPLICABLE EXP Date: NOT APPLICABLE
Received Quantity	: 1 LITRE Sample Collection Location, & Date : PLANT STP OUTLET, DATE-26.04.2025
Sample Collected By	: MR. SUDHIR KUMAR BARIK
Sampling Procedure if Any	: KLPL/QSP-07

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Feacal Coilform	MPN/100ml	<1000	180	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	1622:1981, RA 2009
CHEMICAL PARAMETER						
ii	Total Suspended Solids.	mg/l, Max	<100	40	As per CTO	APHA 24th Edition (2540 D):2023
i	Biochemical Oxygen Demand(For 3 days 27deg C)	mg/l, Max	30	12	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (5210 B):2023
PHYSICAL PARAMETER						
i	pH value	--	6.5-9.0	7.4	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (4500-H+-B): 2023

Opinion & Interpretation: --

Any unusual feature observed during determination : NIL

Customer information if any : NIL

Confirmation statement as per decision rule , if applicable : --

Analysed By

L. Senapati

Miss. Liza Senapati

For Kalyani Laboratories Pvt. Ltd.



Authorised By

Dr. Debasis Biswal

Dr. Debasis Biswal

For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****



KALYANI LABORATORIES PVT. LTD.

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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/06/25/WATER/03468				
Issue Date	: 02-Jul-2025				
Amendment No	: --				
Amendment Date	: --				
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022				
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.				
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA				
Date of receipt	: 23-Jun-2025	Commenced On	: 23-Jun-2025	Completion On	: 02-Jul-2025
Sample Description	: STP OUTLET WATER				
Form Shape Appearance	: SEALED PET BOTTLE				
Sample Identification	: STP OUTLET WATER				
Batch No , Lot No	: NOT APPLICABLE		MFG Date	: NOT APPLICABLE	EXP Date : NOT APPLICABLE
Received Quantity	: 1 LITRE		Sample Collection Location, & Date :		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		PLANT STP OUTLET, DATE-21.06.2025		
Sampling Procedure if Any	: KLPL/QSP-07				

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Faecal Coilform	MPN/100ml	<1000	132	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	1622:1981, RA 2009
CHEMICAL PARAMETER						
ii	Total Suspended Solids.	mg/l, Max	<100	40	As per CTO	APHA 24th Edition (2540 D):2023
i	Biochemical Oxygen Demand(For 3 days 27deg C)	mg/l, Max	30	10	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (5210 B):2023
PHYSICAL PARAMETER						
i	pH value	--	6.5-9.0	7.2	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (4500-H+-B): 2023

Opinion & Interpretation: As Per Customer Specific Standard.

Any unusual feature observed during determination : NIL
 Customer information if any : NIL
 Confirmation statement as per decision rule , if applicable : --

Analysed By

L. Senapati
 Miss .Liza Senapati
 For Kalyani Laboratories Pvt. Ltd.



Authorised By

D3sue
 Dr. Debasis Biswal
 For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****



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PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/07/25/WATER/03249
Issue Date	: 08-Aug-2025
Amendment No	: --
Amendment Date	: --
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA
Date of receipt	: 26-July-2025 Commenced On : 26-July-2025 Completion On: 08-Aug-2025
Sample Description	: STP OUTLET WATER
Form Shape Appearance	: SEALED PET BOTTLE
Sample Identification	: STP OUTLET WATER
Batch No , Lot No	: NOT APPLICABLE MFG Date : NOT APPLICABLE EXP Date: NOT APPLICABLE
Received Quantity	: 1 LITRE Sample Collection Location, & Date : PLANT STP OUTLET, DATE-26.07.2025
Sample Collected By	: MR. SUDHIR KUMAR BARIK
Sampling Procedure if Any	: KLPL/QSP-07

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Feecal Coilform	MPN/100ml	<1000	140	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	1622:1981, RA 2009
CHEMICAL PARAMETER						
ii	Total Suspended Solids.	mg/l, Max	<100	34	As per CTO	APHA 24th Edition (2540 D):2023
i	Biochemical Oxygen Demand(For 3 days 27deg C)	mg/l, Max	30	12	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (5210 B):2023
PHYSICAL PARAMETER						
i	pH value	--	6.5-9.0	7.21	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (4500-H+-B): 2023

Opinion & Interpretation: --

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Confirmation statement as per decision rule , if applicable : --

Analysed By

L. Senapati
Miss .Liza Senapati
For Kalyani Laboratories Pvt. Ltd.



Authorised By

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

End of Test Report



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/8/25/WATER/03944 A		
Issue Date	: 08-Sep-2025		
Amendment No	: --		
Amendment Date	: --		
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 30-Aug-2025	Commenced On :	30-Aug-2025
		Completion On:	05-Sep-2025
Sample Description	: STP OUTLET WATER		
Form\Shape\Appearance	: SEALED IN HDPE BOTTLE		
Sample Identification	: STP OUTLET WATER		
Batch No , Lot No	: NOT APPLICABLE	MFG Date :	NOT APPLICABLE
		EXP Date:	NOT APPLICABLE
Received Quantity	: 1 LTR		
Sample Collected By	: By KLPL(MR. SUDHIR KUMAR BARIK)	Sample Collection Location, & Date :	PLANT STP OUTLET WATER, DATE-30.08.2025
Sampling Procedure if Any	: KLPL/QSP-07		

Sl	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Feecal Coilform	MPN/100 ml	<1000	700	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	Section 9221(E),9221(C) table 9221.4,APHA 24th edn,2023
ii	Total Suspended Solids	mg/l, Max	<100	36	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (2540 D):2023
iii	Biochemical Oxygen Demand	mg/l, Max	30	10	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (5210 B):2023
iv	pH value	--	6.5-9.0	7.79	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (4500-H+-B):2023

Opinion & Interpretation: --

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Conformity statement as per decision rule , if applicable : --
Environmental Condition During Testing: Room Temp(^oC) : 25 Degree C
N.B. : The results relate only to samples tested and test parameters

Analysed By

S. Jena

Miss Subhasmita Jena
For Kalyani Laboratories Pvt. Ltd.

Verified By

S. Panda

Miss Smruti Sephali Panda
For Kalyani Laboratories Pvt. Ltd.

Authorised By

Rekha Nayak

Dr. Rekha Nayak
For Kalyani Laboratories Pvt. Ltd.



***** End of Test Report *****



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/9/25/WATER/04096		
Issue Date	: 16-Oct-2025		
Amendment No	: --		
Amendment Date	: --		
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 29-Sep-2025	Commenced On	: 29-Sep-2025
		Completion On	: 16-Oct-2025
Sample Description	: STP OUTLET WATER		
Form\Shape\Appearance	: SEALED IN HDPE BOTTLE		
Sample Identification	: STP OUTLET WATER		
Batch No , Lot No	: NOT APPLICABLE	MFG Date	: NOT APPLICABLE
		EXP Date	: NOT APPLICABLE
Received Quantity	: 1 LTR	Sample Collection Location, & Date	:
Sample Collected By	: By KLPL(MR. SUDHIR KUMAR BARIK)		: PLANT STP OUTLET WATER, DATE-28.09.2025
Sampling Procedure if Any	: KLPL/QSP-07		

SI	Parameters	Unit	Requirement	Result	Standard Specification	Test Method
i	Feecal Coilform	MPN/100 ml	<1000	540	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	Section 9221(E),9221(C) table 9221.4,APHA 24th edn,2023
ii	Total Suspended Solids	mg/l, Max	<100	10	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (2540 D):2023
iii	Biochemical Oxygen Demand	mg/l, Max	30	4.0	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (5210 B):2023
iv	pH value	--	6.5-9.0	6.20	Standard specification as per G.S.R. 1265(E), MOEF & CC , 13th October 2017	APHA 24th Edition (4500-H+-B):2023

Opinion & Interpretation: --

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Conformity statement as per decision rule , if applicable : --
Environmental Condition During Testing: Room Temp(^oC) : 25 Degree C

N.B. : The results relate only to samples tested and test parameters

Analysed By

L. Senapati

Miss Liza Senapati

For Kalyani Laboratories Pvt. Ltd.

Verified By

R. Lenka

Mrs. Rajalaxmi Lenka

For Kalyani Laboratories Pvt. Ltd.

Authorised By

Rekha Nayak

Dr. Rekha Nayak

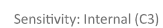
For Kalyani Laboratories Pvt. Ltd.



***** End of Test Report *****



Rooftop Rainwater Harvesting Structures.





DIRECTORATE OF FACTORIES & BOILERS, ODISHA

APPROVAL OF ONSITE EMERGENCY PLAN

Certificate no: **BHA/OEP/2024/006381**

Dt: **16/07/2024**

In pursuance of provision contained under **Section 41-B(4) of the Factories Act, 1948**, the On-Site Emergency Plan of **“POWER PLANT” (FERRO ALLOYS CORPORATION LIMITED), DP NAGAR,RANDIA,BHADRAK,BHADRAK, BHADRAK** having following identified Hazardous substances is hereby provisionally accepted, subject to the conditions as mentioned hereunder:-

Inventory of hazardous substances

#	Name of hazardous substance	Storage capacity (MT)	Operating capacity (MT)	Mode of storage	Mode of disposal	Container type
1	2	3	4	5	6	7
1	Coal	63000 MT	2280 MT	On the ground	Coal is in stored open yard.	horizontal
2	HSD	33 MT	5 MT	Above ground	HSD is stored above the ground.	vertical
3	TurbineOil	70 MT	70 MT	Above ground	Turbine Oil is stored above the ground in closed circulation.	vertical
4	TransformerOil	30.64 MT	30 MT	Above ground	Transformer Oil is stored above the ground.	horizontal
5	HydrochloricAcid	15 MT	14 MT	Above ground	Hydrochloric Acid is stored above the ground.	horizontal
6	Alkali	15 MT	14 MT	Above ground	Alkali is stored above the ground.	horizontal
7	SulphuricAcid	15 MT	14 MT	Above ground	SulphuricAcid is stored above the ground	horizontal
8	SodiumHypochlorite	50 MT	40 MT	Above ground	SodiumHypochlorite is stored above the ground in carbuoys.	vertical

Hazardous gas produced/ substances generated

#	Name of hazardous gas/substance generated during the process	Rate of production	Mode of storage/use	Maximum one time storage
1	2	3	4	5
1	NA	0	NA	0

- Consequent upon any modification / alteration in future the On-Site Emergency plan shall be prepared and submitted for acceptance.

2. The possible hazards associated with the factory and 'Dos' and Don'ts' shall be displayed in prominent place adjacent to main gate & conspicuous places inside the factory with the measures to be taken in case of such incident
3. Each key personnel of the command structure shall be provided with a worksheet containing their duties and responsibilities.
4. Mock Drill shall be scheduled through PARESHRAM portal at least once in every six months involving zonal Asst. Director of Factories and Boilers/ Divisional Dy.Directors of Factories and Boilers concerned & DCG members
5. Annual report on hold of Mock Drills shall be submitted to the authorities of DistrictAdministration under intimation to Assistant Director of Factories & Boilers/DeputyDirector of Factories & Boilers/Director of Factories & Boilers.
6. Awareness programmes on hazard & mitigation shall be made amongst workers and people living in the vicinity

The approved copy of the On-Site Emergency Plan shall be downloaded and be provided to the Collector & District Magistrate, Superintendent of Police, District Fire Officer and Chief Medical Officer of the District.

Director of Factories & Boilers,
Odisha

NOTE :

- (i) This is a digitally signed electronically generated certificate and therefore needs no ink-signed signature.
- (ii) This certificate is issued as per section 4, 5 & 6 of IT Act 2000 and its subsequent amendments in 2008.
- (iii) For verification, visit <https://pareshram-labour.odisha.gov.in>
- (iv) Tampering of this certificate will attract penal action.

TEST REPORT

Test Report No	: KLPL/04/25/ENVN/00543	Issue Date	: 03-May-2025
Amendment No	: -	Amendment Date	: -
Reference	: PO NUMBER :FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 28-April-2025	Commenced On	: 28-April-2025
		Completion On	: 03-May-2025
Sample Name	: NOISE		
Sample Condition	: --		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref.To Sampling Procedure	: KLPL/NOISE/SOP-23		
Parameters	Unit	Standard Value	Results
Test Method			
Location & Date : INSIDE CONTROL ROOM, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	53.4
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	45.5
			IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ADMIN OFFICE, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	61.6
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	54.8
			IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-1, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	66.7
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	62.0
			IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-2, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.6
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	62.8
			IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-3, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	67.6
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.7
			IS 9989:1981 (RA 2014):2014
NEAR COMPRESSOR HOUSE, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.4
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	57.3
			IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-3, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	68.7
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.0
			IS 9989:1981 (RA 2014):2014
Location & Date : DM PLANT, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	69.6
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	54.4
			IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-1, DATE-26.04.2025			
Noise Level Indl. Area (Day)	dB(A)	75	68.4
			IS 9989:1981 (RA 2014):2014





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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/04/25/ENVN/00543	Issue Date	: 03-May-2025	
Amendment No	: -	Amendment Date	: -	
Reference	: PO NUMBER :FPPL/3100006601,DATE-8.11.2022			
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.			
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA			
Date of receipt	: 28-April-2025	Commenced On	: 28-April-2025	
		Completion On	: 03-May-2025	
Sample Name	: NOISE			
Sample Condition	: --			
Sample Collected By	: MR. SUDHIR KUMAR BARIK			
Ref.To Sampling Procedure	: KLPL/NOISE/SOP-23			
Parameters	Unit	Standard Value	Results	Test Method
Noise Level Indl. Area (Night)	dB(A)	70	57.3	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-2, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	67.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	57.0	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ETP, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	53.6	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	46.4	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR MAIN GATE, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	58.3	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	53.6	IS 9989:1981 (RA 2014):2014
NEAR PRIMARY CRUSHER, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	68.2	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.5	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR SECONDRY CRUSHER, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	67.8	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	62.1	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR STG CONDENSER, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	72.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.0	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR WAGON TIPLER, DATE-26.04.2025				
Noise Level Indl. Area (Day)	dB(A)	75	63.8	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	51.2	IS 9989:1981 (RA 2014):2014



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/04/25/ENVN/00543A
Issue Date : 04-April-2025
Amendment No : -
Amendment Date : -

Reference : PO NUMBER : FPPL/3100006601, DATE-8.11.2022
Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**
Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 28-Mar-2025 **Commenced On** : 28-Mar-2025 **Completion On** : 04-April-2025
Sample Name : **NOISE**
Sample Condition : -
Sample Collected By : MR. SUDHIR KUMAR BARIK
Ref.To Sampling Procedure : KLPL/NOISE/SOP-23

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR TG SET, DT-27.03.2025					
i Noise Level Indl. Area (Day)	dB(A)	90	76.3	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
ii Noise Level Indl. Area (Night)	dB(A)	90	72.5	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014

REMARKS: As Per Customer Specific Standard.

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Confirmation statement as per decision rule , if applicable : —


To view "Terms & Conditions & NABL certificate of accreditation click report.kalyanilaboratories.com/images/NACNTC.pdf

Analysed By


Mr. Paramesh Jena
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory


Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

End of Test Report

TEST REPORT

Test Report No	: KLPL/05/25/ENVN/00585	Issue Date	: 24-May-2025	
Amendment No	: -	Amendment Date	: -	
Reference	: PO NUMBER :FPPL/3100006601,DATE-8.11.2022			
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.			
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA			
Date of receipt	: 14-May-2025	Commenced On	: 14-May-2025	
		Completion On	: 24-May-2025	
Sample Name	: NOISE			
Sample Condition	: --			
Sample Collected By	: MR. SUDHIR KUMAR BARIK			
Ref.To Sampling Procedure	: KLPL/NOISE/SOP-23			
Parameters	Unit	Standard Value	Results	Test Method
Location & Date	: INSIDE CONTROL ROOM, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.2	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.3	IS 9989:1981 (RA 2014):2014
Location & Date	: NEAR ADMIN OFFICE, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	69.6	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.23	IS 9989:1981 (RA 2014):2014
Location & Date	: BOILER-1, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.0	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.22	IS 9989:1981 (RA 2014):2014
Location & Date	: BOILER-2, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	70.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.78	IS 9989:1981 (RA 2014):2014
Location & Date	: BOILER-3, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.3	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.44	IS 9989:1981 (RA 2014):2014
NEAR COMPRESSOR HOUSE, DATE-13.05.2025				
Noise Level Indl. Area (Day)	dB(A)	75	70.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.8	IS 9989:1981 (RA 2014):2014
Location & Date	: NEAR ESP ID FAN-3, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.2	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.33	IS 9989:1981 (RA 2014):2014
Location & Date	: DM PLANT, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	70.6	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.9	IS 9989:1981 (RA 2014):2014
Location & Date	: NEAR ESP ID FAN-1, DATE-13.05.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.0	IS 9989:1981 (RA 2014):2014



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/05/25/ENVN/00585 **Issue Date** : 24-May-2025
Amendment No : - **Amendment Date** : -
Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022
Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**
Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA
Date of receipt : 14-May-2025 **Commenced On** : 14-May-2025 **Completion On**: 24-May-2025

Sample Name : **NOISE**
Sample Condition : --
Sample Collected By : MR. SUDHIR KUMAR BARIK
Ref.To Sampling Procedure : KLPL/NOISE/SOP-23

Parameters	Unit	Standard Value	Results	Test Method
Noise Level Indl. Area (Night)	dB(A)	70	60.2	IS 9989:1981 (RA 2014):2014

Location & Date : NEAR ESP ID FAN-2, DATE-13.05.2025

Noise Level Indl. Area (Day)	dB(A)	75	70.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.78	IS 9989:1981 (RA 2014):2014

Location & Date : NEAR ETP, DATE-13.05.2025

Noise Level Indl. Area (Day)	dB(A)	75	71.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.5	IS 9989:1981 (RA 2014):2014

Location & Date : NEAR MAIN GATE, DATE-13.05.2025

Noise Level Indl. Area (Day)	dB(A)	75	71.8	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.76	IS 9989:1981 (RA 2014):2014

NEAR PRIMARY CRUSHER, DATE-13.05.2025

Noise Level Indl. Area (Day)	dB(A)	75	73.8	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	62.12	IS 9989:1981 (RA 2014):2014

Location & Date : NEAR SECONDRY CRUSHER, DATE-13.05.2025

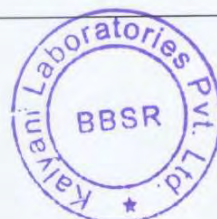
Noise Level Indl. Area (Day)	dB(A)	75	73.5	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.9	IS 9989:1981 (RA 2014):2014

Location & Date : NEAR STG CONDENSER, DATE-13.05.2025

Noise Level Indl. Area (Day)	dB(A)	75	72.5	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.23	IS 9989:1981 (RA 2014):2014

Location & Date : NEAR WAGON TIPLER, DATE-13.05.2025

Noise Level Indl. Area (Day)	dB(A)	75	72.1	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.0	IS 9989:1981 (RA 2014):2014





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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/5/25/ENVN/00585A

Issue Date : 24-May-2025

Amendment No : -

Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022

Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 14-May-2025 Commenced On : 14-May-2025 Completion On: 24-May-2025

Sample Name : NOISE

Sample Condition : -

Sample Collected By : MR. SUDHIR KUMAR BARIK

Ref.To Sampling Procedure: KLPL/NOISE/SOP-23

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR TG SET,DT-13.05.2025					
Noise Level Indl. Area (Day)	dB(A)	90	77.3	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	90	73.5	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014

REMARKS: As Per Customer Specific Standard.

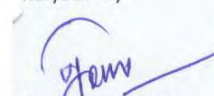
Any unusual feature observed during determination : NIL

Customer information if any : NIL

Confirmation statement as per decision rule , if applicable : —

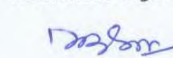
To view "Terms & Conditions & NABL certificate of accreditation click report.kalyanilaboratories.com/images/NACNTC.pdf

Analysed By


Mr. Paramesh Jena
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory


Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/6/25/ENVN/00622	Issue Date	: 26-Jun-2025
Amendment No	: -	Amendment Date	: -
Reference	: PO NUMBER : FPPL/3100006601, DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 23-Jun-2025	Commenced On	: 23-Jun-2025
		Completion On	: 26-Jun-2025
Sample Name	: NOISE		
Sample Condition	: --		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref. To Sampling Procedure	: KLPL/NOISE/SOP-23		
Parameters	Unit	Standard Value	Results
Test Method			
Location & Date : INSIDE CONTROL ROOM, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.75
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.38
			IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ADMIN OFFICE, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	69.72
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	58.32
			IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-1, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.7
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.12
			IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-2, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.43
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	57.8
			IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-3, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.39
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.43
			IS 9989:1981 (RA 2014):2014
NEAR COMPRESSOR HOUSE, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	70.47
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	58.89
			IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-3, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.24
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	58.37
			IS 9989:1981 (RA 2014):2014
Location & Date : DM PLANT, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	71.63
			IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	50.19
			IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-1, DATE-21.06.2025			
Noise Level Indl. Area (Day)	dB(A)	75	31.0
			IS 9989:1981 (RA 2014):2014



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/6/25/ENVN/00622 **Issue Date** : 26-Jun-2025
Amendment No : - **Amendment Date** : -
Reference : PO NUMBER : FPPL/3100006601, DATE-8.11.2022
Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.
Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA
Date of receipt : 23-Jun-2025 **Commenced On** : 23-Jun-2025 **Completion On** : 26-Jun-2025
Sample Name : NOISE
Sample Condition : --
Sample Collected By : MR. SUDHIR KUMAR BARIK
Ref.To Sampling Procedure : KLPL/NOISE/SOP-23

Parameters	Unit	Standard Value	Results	Test Method
Noise Level Indl. Area (Night)	dB(A)	70	61.20	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-2, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.47	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.11	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ETP, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	73.47	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.52	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR MAIN GATE, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.81	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.7	IS 9989:1981 (RA 2014):2014
NEAR PRIMARY CRUSHER, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	73.81	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	62.74	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR SECONDRY CRUSHER, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	73.54	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.90	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR STG CONDENSER, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	72.53	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.21	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR WAGON TIPLER, DATE-21.06.2025				
Noise Level Indl. Area (Day)	dB(A)	75	72.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.3	IS 9989:1981 (RA 2014):2014



KLPL- 1001291B



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/6/25/ENVN/00622A
Issue Date : 26-Jun-2025
Amendment No : -
Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022
Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**
Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 23-Jun-2025 Commenced On : 23-Jun-2025 Completion On: 26-Jun-2025
Sample Name : **NOISE**
Sample Condition : -
Sample Collected By : MR. SUDHIR KUMAR BARIK
Ref.To Sampling Procedure: KLPL/NOISE/SOP-23

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR TG SET,DT-21.06.2025					
i Noise Level Indl. Area (Day)	dB(A)	90	78.32	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
ii Noise Level Indl. Area (Night)	dB(A)	90	73.76	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014

REMARKS: As Per Customer Specific Standard.

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Confirmation statement as per decision rule , if applicable : —

Analysed By

Mr. Paramesh Jena
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

*****End of Test Report*****



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/07/25/ENVN/00646 **Issue Date** : 08-Aug-2025
Amendment No : - **Amendment Date** : -
Reference : PO NUMBER : FPPL/3100006601, DATE-8.11.2022
Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.
Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA
Date of receipt : 26-July-2025 **Commenced On** : 26-July-2025 **Completion On** : 08-Aug-2025
Sample Name : NOISE
Sample Condition : --
Sample Collected By : MR. SUDHIR KUMAR BARIK
Ref.To Sampling Procedure : KLPL/NOISE/SOP-23

Parameters	Unit	Standard Value	Results	Test Method
Location & Date : INSIDE CONTROL ROOM, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.2	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.3	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ADMIN OFFICE, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	69.6	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.23	IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-1, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.0	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.22	IS 9989:1981 (RA 2014):2014
BOILER-2, DATE-26.07.2025 Location & Date :				
Noise Level Indl. Area (Day)	dB(A)	75	70.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.78	IS 9989:1981 (RA 2014):2014
Location & Date : BOILER-3, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.3	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.44	IS 9989:1981 (RA 2014):2014
NEAR COMPRESSOR HOUSE, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	70.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.8	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-3, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.2	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.33	IS 9989:1981 (RA 2014):2014
Location & Date : DM PLANT, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	70.6	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.9	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-1, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.0	IS 9989:1981 (RA 2014):2014



KLPL- 1001909B



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TEST REPORT

Test Report No	: KLPL/07/25/ENVN/00646	Issue Date	: 28-Aug-2025
Amendment No	: -	Amendment Date	: -
Reference	: PO NUMBER :FPPL/3100006601,DATE-8.11.2022		
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.		
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA		
Date of receipt	: 28-July-2025	Commenced On	: 28-July-2025
		Completion On	: 28-Aug-2025
Sample Name	: NOISE		
Sample Condition	: --		
Sample Collected By	: MR. SUDHIR KUMAR BARIK		
Ref.To Sampling Procedure	: KLPL/NOISE/SOP-23		

Parameters	Unit	Standard Value	Results	Test Method
Noise Level Indl. Area (Night)	dB(A)	70	60.2	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ESP ID FAN-2, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	70.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	59.78	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR ETP, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.4	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.5	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR MAIN GATE, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	71.8	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	60.76	IS 9989:1981 (RA 2014):2014
NEAR PRIMARY CRUSHER, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	73.8	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	62.12	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR SECONDRY CRUSHER, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	73.5	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.9	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR STG CONDENSER, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	72.5	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.23	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR WAGON TIPLER, DATE-26.07.2025				
Noise Level Indl. Area (Day)	dB(A)	75	72.1	IS 9989:1981 (RA 2014):2014
Noise Level Indl. Area (Night)	dB(A)	70	61.0	IS 9989:1981 (RA 2014):2014



KLPL- 1001908B



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/7/25/ENVN/00646A
Issue Date : 08-Aug-2025
Amendment No : -
Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022
Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**
Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 28-July-2025 Commenced On : 28-July-2025 Completion On: 08-Aug-2025
Sample Name : **NOISE**
Sample Condition : -
Sample Collected By : MR. SUDHIR KUMAR BARIK
Ref.To Sampling Procedure: KLPL/NOISE/SOP-23

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR TG SET,DT-26.07.2025					
i Noise Level Indl. Area (Day)	dB(A)	90	82.3	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
ii Noise Level Indl. Area (Night)	dB(A)	90	70.5	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014

REMARKS: As Per Customer Specific Standard.

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Confirmation statement as per decision rule , if applicable : —

To view "Terms & Conditions & NABL certificate of accreditation click report.kalyanilaboratories.com/images/NACNTC.pdf

Analysed By

Mr. Paramesh Jena
For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

End of Test Report



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/8/25/ENVN/00664

Issue Date : 03-Sep-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601, DATE-8.11.2022

Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 30-Aug-2025 Commenced On : 30-Aug-2025 Completion On: 02-Sep-2025

Sample Name : NOISE

Sample Condition : --

Sample Collected By : By KLPL (MR. SUDHIR KUMAR BARIK)

Ref.To Sampling Procedure : KLPL/NOISE/SOP-23

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
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Location & Date : BOILER-1, DATE-30.08.2025

i	Noise Level Indl. Area (Day)	dB(A)	75	72.2	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
ii	Noise Level Indl. Area (Night)	dB(A)	70	59.9	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Location & Date : BOILER-2, DATE-30.08.2025

iii	Noise Level Indl. Area (Day)	dB(A)	75	71.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
iv	Noise Level Indl. Area (Night)	dB(A)	70	58.79	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Location & Date : BOILER-3, DATE-30.08.2025

v	Noise Level Indl. Area (Day)	dB(A)	75	69.5	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
vi	Noise Level Indl. Area (Night)	dB(A)	70	59.7	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Location & Date : DM PLANT, DATE-30.08.2025

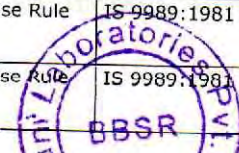
vii	Noise Level Indl. Area (Day)	dB(A)	75	71.0	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
viii	Noise Level Indl. Area (Night)	dB(A)	70	60.81	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Location & Date : DNERA ESP ID FAN-1, DATE-30.08.2025

ix	Noise Level Indl. Area (Day)	dB(A)	75	66.7	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
x	Noise Level Indl. Area (Night)	dB(A)	70	57.85	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Location & Date : INSIDE CONTROL ROOM, DATE-30.08.2025

xi	Noise Level Indl. Area (Day)	dB(A)	75	73.7	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xii	Noise Level Indl. Area (Night)	dB(A)	70	60.6	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)





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Test Report No : KLPL/8/25/ENVN/00664

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR ADMIN OFFICE, DATE-30.08.2025					
xiii Noise Level Indl. Area (Day)	dB(A)	75	73.11	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xiv Noise Level Indl. Area (Night)	dB(A)	70	60.14	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR COMPRESSOR HOUSE, DATE-30.08.2025					
xv Noise Level Indl. Area (Day)	dB(A)	75	70.0	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xvi Noise Level Indl. Area (Night)	dB(A)	70	60.13	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR ESP ID FAN, DATE-30.08.2025					
xvii Noise Level Indl. Area (Day)	dB(A)	75	70.0	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xviii Noise Level Indl. Area (Night)	dB(A)	70	62.27	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR ETP, DATE-30.08.2025					
xix Noise Level Indl. Area (Day)	dB(A)	75	69.3	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xx Noise Level Indl. Area (Night)	dB(A)	70	59.67	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR MAIN GATE, DATE-30.08.2025					
xxi Noise Level Indl. Area (Day)	dB(A)	75	69.2	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxii Noise Level Indl. Area (Night)	dB(A)	70	59.56	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR PRIMARY CRUSHER, DATE-30.08.2025					
xxiii Noise Level Indl. Area (Day)	dB(A)	75	69.8	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxiv Noise Level Indl. Area (Night)	dB(A)	70	60.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR SECONDARY CRUSHER, DATE-30.08.2025					
xxv Noise Level Indl. Area (Day)	dB(A)	75	68.7	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxvi Noise Level Indl. Area (Night)	dB(A)	70	59.22	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR STG CONDENSER, DATE-30.08.2025					
xxvii Noise Level Indl. Area (Day)	dB(A)	75	70.3	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxvii Noise Level Indl. Area (Night)	dB(A)	70	60.3	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR WAGAN TIPLER, DATE-30.08.2025					
xxix Noise Level Indl. Area (Day)	dB(A)	75	69.7	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxx Noise Level Indl. Area (Night)	dB(A)	70	59.90	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)





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PLOT NO-78/944, MILLENNIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/8/25/ENVN/00664

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NERA ESP ID FAN-2, DATE-30.08.2025					
xxxi Noise Level Indl. Area (Day)	dB(A)	75	70.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxxii Noise Level Indl. Area (Night)	dB(A)	70	61.24	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Opinion & Interpretation:

Any unusual feature observed during determination : NIL
Customer information if any : NIL
Confirmation statement as per decision rule , if applicable : —
Environmental Condition During Testing: Room Temp(^oC) : 25 Degree C

N.B. : The results relate only to samples tested and test parameters

Analysed By

Verified By

Authorised By

S. Subhashree

Miss. Subhashree Mohapatra
For Kalyani Laboratories Pvt. Ltd.

Paramesh Jena

Mr. Paramesh Jena
For Kalyani Laboratories Pvt. Ltd.

Debasis Biswal

Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.



***** End of Test Report *****



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/8/25/ENVN/00665

Issue Date : 03-Sep-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601, DATE-8.11.2022

Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 30-Aug-2025 **Commenced On** : 30-Aug-2025 **Completion On** : 02-Sep-2025

Sample Name : NOISE

Sample Condition : -

Sample Collected By : By KLPL (MR. SUDHIR KUMAR BARIK)

Ref.To Sampling Procedure : KLPL/NOISE/SOP-23

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
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Location & Date : NEAR TG SET, DATE-30.08.2025

i	Noise Level Indl. Area (Day)	dB(A)	90	69.0	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
ii	Noise Level Indl. Area (Night)	dB(A)	90	59.44	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014

Opinion & Interpretation: -

Any unusual feature observed during determination : NIL

Customer information if any : NIL

Confirmation statement as per decision rule , if applicable : -

Environmental Condition During Testing: Room Temp(^oC) : 25 Degree C

N.B. : The results relate only to samples tested and test parameters

Analysed By

Verified By

Authorised By

S. monareshe

Miss. Subhashre Mohapatra

For Kalyani Laboratories Pvt. Ltd.

Mr. Paramesh Jena

Mr. Paramesh Jena

For Kalyani Laboratories Pvt. Ltd.

Dr. Debasis Biswal

Dr. Debasis Biswal

For Kalyani Laboratories Pvt. Ltd.



***** End of Test Report *****



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No	: KLPL/9/25/ENVN/00691				
Issue Date	: 03-Oct-2025				
Amendment No	: -				
Amendment Date	: -				
Reference	: P.O NO-FPPL/3100006601,DATE-8.11.2022				
Customer Name	: POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.				
Address	: D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA				
Date of receipt	: 29-Sep-2025	Commenced On	: 29-Sep-2025	Completion On	: 02-Oct-2025
Sample Name	: NOISE				
Sample Condition	: --				
Sample Collected By	: KLPL (MR. SUDHIR KUMAR BARIK)				
Ref.To Sampling Procedure	: KLPL/NOISE/SOP-23				

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : BOILER-1, DATE-29.09.2025					
i Noise Level Indl. Area (Day)	dB(A)	75	72.0	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
ii Noise Level Indl. Area (Night)	dB(A)	70	61.51	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : BOILER-2, DATE-29.09.2025					
iii Noise Level Indl. Area (Day)	dB(A)	75	68.5	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
iv Noise Level Indl. Area (Night)	dB(A)	70	59.02	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : BOILER-3, DATE-29.09.2025					
v Noise Level Indl. Area (Day)	dB(A)	75	70.2	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
vi Noise Level Indl. Area (Night)	dB(A)	70	60.5	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : DM PLANT, DATE-29.09.2025					
vii Noise Level Indl. Area (Day)	dB(A)	75	64.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
viii Noise Level Indl. Area (Night)	dB(A)	70	55.96	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : IN SIDE CONTROL ROOM, DATE-29.09.2025					
ix Noise Level Indl. Area (Day)	dB(A)	75	62.5	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
x Noise Level Indl. Area (Night)	dB(A)	70	54.9	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NARA COMPRESSOR HOUSE, DATE-29.09.2025					
xi Noise Level Indl. Area (Day)	dB(A)	75	73.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xii Noise Level Indl. Area (Night)	dB(A)	70	62.23	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)



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PLOT NO-78/944, MILLENNIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA



+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/9/25/ENVN/00691

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR ADMIN OFFICE, DATE-29.09.2025					
xiii Noise Level Indl. Area (Day)	dB(A)	75	58.5	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xiv Noise Level Indl. Area (Night)	dB(A)	70	52.09	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR ESP ID FAN-2, DATE-29.09.2025					
xv Noise Level Indl. Area (Day)	dB(A)	75	60.3	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xvi Noise Level Indl. Area (Night)	dB(A)	70	58.56	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR ESP ID FAN-3, DATE-29.09.2025					
xvii Noise Level Indl. Area (Day)	dB(A)	75	68.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xviii Noise Level Indl. Area (Night)	dB(A)	70	59.9	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR ESP ID FAN-1, DATE-29.09.2025					
xix Noise Level Indl. Area (Day)	dB(A)	75	65.8	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xx Noise Level Indl. Area (Night)	dB(A)	70	57.14	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR ETP, DATE-29.09.2025					
xxi Noise Level Indl. Area (Day)	dB(A)	75	59.0	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxii Noise Level Indl. Area (Night)	dB(A)	70	52.4	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR MAN GATE, DATE-29.09.2025					
xxiii Noise Level Indl. Area (Day)	dB(A)	75	66.6	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxiv Noise Level Indl. Area (Night)	dB(A)	70	57.8	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR PRIMERY CRUSHER, DATE-29.09.2025					
xxv Noise Level Indl. Area (Day)	dB(A)	75	72.9	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxvi Noise Level Indl. Area (Night)	dB(A)	70	64.2	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR SECONDARY CRUSHER, DATE-29.09.2025					
xxvii Noise Level Indl. Area (Day)	dB(A)	75	65.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxviii Noise Level Indl. Area (Night)	dB(A)	70	56.7	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
Location & Date : NEAR STG CONDENSER, DATE-29.09.2025					
xxix Noise Level Indl. Area (Day)	dB(A)	75	69.8	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxx Noise Level Indl. Area (Night)	dB(A)	70	62.1	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)



KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA



+91 9861463904

M: kalyanilab@yahoo.co.in

Test Report No : KLPL/9/25/ENVN/00691

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR TG SET, DATE-29.09.2025					
xxxi Noise Level Indl. Area (Day)	dB(A)	90	82.8	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
xxxii Noise Level Indl. Area (Night)	dB(A)	90	73.38	As Per Factories & boilers act	IS 9989:1981 (RA 2014):2014
Location & Date : NEAR WAGON TRIPLER, DATE-29.09.2025					
xxxii Noise Level Indl. Area (Day)	dB(A)	75	62.9	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)
xxxi Noise Level Indl. Area (Night)	dB(A)	70	55.14	Standard Specification Noise Rule 2000	IS 9989:1981 (RA 2023)

Opinion & Interpretation: -

Any unusual feature observed during determination : NIL
 Customer information if any : NIL
 Confirmation statement as per decision rule , if applicable : —
 Environmental Condition During Testing: Room Temp(^oC) : 25 Degree C



N.B. : The results relate only to samples tested and test parameters

Analysed By

Mr. Paramesh Jena
For Kalyani Laboratories Pvt. Ltd.

Verified By

R. Lenka
Mrs. Rajalaxmi Lenka
For Kalyani Laboratories Pvt. Ltd.

Authorised By

Dr. Debasis Biswal
Dr. Debasis Biswal
For Kalyani Laboratories Pvt. Ltd.

***** End of Test Report *****



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+91 9861463904 M: kalyanilab@yahoo.co.in

Annexure 5

TEST REPORT

Test Report No : KLPL/04/25/ENVN/00540

Issue Date : 02-May-2025

Amendment No : -

Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022

Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 28-April-2025 Commenced On : 28-Mar-2025 Completion On: 02-May-2025

Sample Name : AMBIENT AIR QUALITY MONITORING

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED/FILTER PAPER SEALED IN ZIP LOCK POLYTHENE BAG

Sample Collected By : MR. SUDHIR KUMAR BARIK

Ref.To Sampling Procedure: KLPL/SOP/AIR-20

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : ADMIN BUILDING,DATE:-26.04.2025					
i Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
ii Sulphur Dioxide	µg/m ³	80	7.17	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
iii Nitrogen Dioxide	µg/m ³	80	13.69	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iv Particulate Matter (PM10)	µg/m ³	100	62.07	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
v Particulate Matter (PM2.5)	µg/m ³	60	29.54	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.63	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	3.6	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

NEAR MAIN GATE,DATE:- 26.04.2025

i Sulphur Dioxide	µg/m ³	80	9.48	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	15.38	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	74.19	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	38.97	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
v Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019



KLPL- 10020627B

Test Report No : KLPL/04/25/ENVN/00540

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.74	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	5.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
Location & Date : NEAR WAGAN GATE, DATE:- 26.04.2025					
i Sulphur Dioxide	µg/m ³	80	8.0	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	13.69	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	67.62	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	33.90	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02, Issue No.01:2017
v Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.78	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vi Ozone (O3) (01 Hrs.)	µg/m ³	180	4.4	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
viii Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
ix Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
x Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xi Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xii Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019



TEST REPORT

Test Report No : KLPL/05/25/ENVN/00584

Issue Date : 25-May-2025

Amendment No : -

Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 14-May-2025 **Commenced On** : 14-May-2025 **Completion On** : 25-May-2025

Sample Name : **AMBIENT AIR QUALITY MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED/FILTER PAPER SEALED IN ZIP LOCK POLYTHENE BAG

Sample Collected By : MR. SUDHIR KUMAR BARIK

Ref.To Sampling Procedure : KLPL/SOP/AIR-20

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : ADMIN BUILDING,DATE:-13.05.2025					
i Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
ii Sulphur Dioxide	µg/m ³	80	9.32	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
iii Nitrogen Dioxide	µg/m ³	80	13.39	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iv Particulate Matter (PM10)	µg/m ³	100	71.30	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
v Particulate Matter (PM2.5)	µg/m ³	60	34.05	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.71	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	5.8	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

Location & Date : NEAR MAIN GATE,DATE:- 13.05.2025

i Sulphur Dioxide	µg/m ³	80	9.76	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	15.19	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	68.64	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	29.92	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
v Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019

Test Report No : KLPL/05/25/ENVN/00584

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.68	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	6.6	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017

Location & Date : NEAR WAGAN GATE, DATE:- 13.05.2025

i Sulphur Dioxide	µg/m ³	80	7.3	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	17.36	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	79.54	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	37.98	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02, Issue No.01:2017
v Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.79	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vi Ozone (O3) (01 Hrs.)	µg/m ³	180	7.3	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
viii Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
ix Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
x Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xi Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xii Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019





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PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/6/25/ENVN/00621

Issue Date : 26-Jun-2025

Amendment No : -

Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 23-Jun-2025 **Commenced On** : 23-Jun-2025 **Completion On** : 26-Jun-2025

Sample Name : **AMBIENT AIR QUALITY MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED/FILTER PAPER SEALED IN ZIP LOCK POLYTHENE BAG

Sample Collected By : MR. SUDHIR KUMAR BARIK

Ref.To Sampling Procedure : KLPL/SOP/AIR-20

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
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Location & Date : **ADMIN BUILDING,DATE:-21.06.2025**

i Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
ii Sulphur Dioxide	µg/m ³	80	9.81	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
iii Nitrogen Dioxide	µg/m ³	80	14.04	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iv Particulate Matter (PM10)	µg/m ³	100	66.79	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
v Particulate Matter (PM2.5)	µg/m ³	60	34.34	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.66	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	5.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

Location & Date : **NEAR MAIN GATE,DATE:- 21.06.2025**

i Sulphur Dioxide	µg/m ³	80	9.76	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	15.38	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	71.25	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	30.31	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
v Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019



KLPL- 1001295B



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+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/6/25/ENVN/00621

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.71	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	6.4	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017

Location & Date : NEAR WAGAN GATE, DATE:- 21.06.2025

i Sulphur Dioxide	µg/m ³	80	8.84	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	19.10	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	82.80	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	38.30	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02, Issue No.01:2017
v Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.72	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vi Ozone (O3) (01 Hrs.)	µg/m ³	180	7.7	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
viii Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
ix Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
x Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xi Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xii Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019



KLPL- 1001294B



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+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/07/25/ENVN/00645

Issue Date : 08-Aug-2025

Amendment No : -

Amendment Date : -

Reference : PO NUMBER :FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 28-July-2025 **Commenced On** : 28-July-2025 **Completion On** : 08-Aug-2025

Sample Name : **AMBIENT AIR QUALITY MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED/FILTER PAPER SEALED IN ZIP LOCK POLYTHENE BAG

Sample Collected By : MR. SUDHIR KUMAR BARIK

Ref.To Sampling Procedure : KLPL/SOP/AIR-20

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
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Location & Date : **ADMIN BUILDING,DATE:-26.07.2025**

i Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
ii Sulphur Dioxide	µg/m ³	80	9.85	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
iii Nitrogen Dioxide	µg/m ³	80	13.19	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iv Particulate Matter (PM10)	µg/m ³	100	70.55	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
v Particulate Matter (PM2.5)	µg/m ³	60	34.19	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.70	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	6.4	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

Location & Date : **NEAR MAIN GATE,DATE:- 26.07.2025**

i Sulphur Dioxide	µg/m ³	80	9.23	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	12.14	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	65.02	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	30.31	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
v Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01: 2019

KLPL- 1004647B



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PLOT NO-78/944, MILLENNIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/07/25/ENVN/00645

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
vi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.65	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Ozone (O3) (01 Hrs.)	µg/m ³	180	7.7	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
viii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
ix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
x Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
xi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017

Location & Date : NEAR WAGAN GATE, DATE:- 26.07.2025

i Sulphur Dioxide	µg/m ³	80	7.39	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	14.05	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	69.37	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	34.34	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02, Issue No.01:2017
v Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.69	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vi Ozone (O3) (01 Hrs.)	µg/m ³	180	5.2	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
viii Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01: 2017
ix Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019
x Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01: 2017
xi Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xii Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01: 2019





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PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/8/25/ENVN/00663

Issue Date : 03-Sep-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601,DATE-8.11.2022

Customer Name : POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 30-Aug-2025 Commenced On : 30-Aug-2025 Completion On: 02-Sep-2025

Sample Name : AMBIENT AIR QUALITY MONITORING

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED/FILTER PAPER SEALED IN ZIP LOCK POLYTHENE BAG

Sample Collected By : KLPL (MR. SUDHIR KUMAR BARIK)

Ref.To Sampling Procedure: KLPL/SOP/AIR-20

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
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Location & Date : ADMIN BUILDING, DATE-30.08.2025

i	Sulphur Dioxide	µg/m ³	80	8.07	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii	Nitrogen Dioxide	µg/m ³	80	11.89	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) : 2006
iii	Particulate Matter (PM10)	µg/m ³	100	62.16	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv	Particulate Matter (PM2.5)	µg/m ³	60	25.43	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
v	Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.62	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vi	Ozone (O3) (01 Hrs.)	µg/m ³	180	5.2	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii	Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
viii	Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01:2017
ix	Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
x	Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
xi	Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

Location & Date : NEAR MAIN GATE, DATE-30.08.2025

xii	Sulphur Dioxide	µg/m ³	80	9.64	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
xiii	Nitrogen Dioxide	µg/m ³	80	13.84	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) : 2006
xiv	Particulate Matter (PM10)	µg/m ³	100	67.94	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
xv	Particulate Matter (PM2.5)	µg/m ³	60	29.54	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017





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+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/8/25/ENVN/00663

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
xvi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.67	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xvii Ozone (O3) (01 Hrs.)	µg/m ³	180	6.4	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xviii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
xix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01:2017
xx Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
xxi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
xxii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

Location & Date : NEAR WAGAN GATE DATE, DATE-30.08.2025

xxiii Sulphur Dioxide	µg/m ³	80	9.40	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
xxiv Nitrogen Dioxide	µg/m ³	80	16.05	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) : 2006
xxv Particulate Matter (PM10)	µg/m ³	100	78.49	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) : 2006
xxvi Particulate Matter (PM2.5)	µg/m ³	60	30.05	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
xxvii Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.78	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xxviii Ozone (O3) (01 Hrs.)	µg/m ³	180	7.8	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xxix Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
xxx Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01:2017
xxxi Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
xxxii Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
xxxiii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017

Location & Date : ADMIN BUILDING, DATE-30.08.2025

i Benzene (C6 H6)	µg/m ³	05	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
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Location & Date : NEAR MAIN GATE, DATE-30.08.2025

ii Benzene (C6 H6)	µg/m ³	05	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
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Location & Date : NEAR WAGAN GATE DATE, DATE-30.08.2025

iii Benzene (C6 H6)	µg/m ³	05	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
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KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENNIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M : kalyanilab@yahoo.co.in

TEST REPORT

Test Report No : KLPL/9/25/ENVN/00690

Issue Date : 03-Oct-2025

Amendment No : -

Amendment Date : -

Reference : P.O NO-FPPL/3100006601,DATE-8.11.2022

Customer Name : **POWER PLANT OF M/S FERRO ALLOYS CORPORATION LIMITED.**

Address : D.P NAGAR, RANDIA, BHADRAK-756135, ODISHA

Date of receipt : 29-Sep-2025 **Commenced On** : 29-Sep-2025 **Completion On** : 27-Sep-2025

Sample Name : **AMBIENT AIR QUALITY MONITORING**

Sample Condition : GASEOUS SAMPLE ABSORBING SOLUTIONS REFRIGERATED/FILTER PAPER SEALED IN ZIP LOCK

Sample Collected By : KLPL (MR. SUDHIR KUMAR BARIK)

Ref.To Sampling Procedure : KLPL/SOP/AIR-05 & QSP-07

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
Location & Date : NEAR ADMIN BUILDING, DATE-27.09.2025					
i Sulphur Dioxide	µg/m ³	80	7.26	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
ii Nitrogen Dioxide	µg/m ³	80	11.89	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
iii Particulate Matter (PM10)	µg/m ³	100	62.61	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
iv Particulate Matter (PM2.5)	µg/m ³	60	29.66	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017
v Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.62	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vi Ozone (O3) (01 Hrs.)	µg/m ³	180	3.6	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
vii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
viii Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05,Issue No.01:2017
ix Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07,Issue No.01:2019
x Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
xi Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10,Issue No.01:2017
Location & Date : NEAR MAIN GATE, DATE-27.09.2025					
xii Sulphur Dioxide	µg/m ³	80	9.64	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
xiii Nitrogen Dioxide	µg/m ³	80	15.78	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) :2006
xiv Particulate Matter (PM10)	µg/m ³	100	67.94	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) :2006
xv Particulate Matter (PM2.5)	µg/m ³	60	32.49	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02,Issue No.01:2017



KALYANI LABORATORIES PVT. LTD.

PLOT NO-78/944, MILLENIUM CITY PAHAL, BHUBANESWAR-752101, ODISHA

+91 9861463904 M: kalyanilab@yahoo.co.in

Test Report No : KLPL/9/25/ENVN/00690

Parameters	Unit	Requirement	Results	Standard Reference	Test Method
xvi Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.67	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xvii Ozone (O3) (01 Hrs.)	µg/m ³	180	5.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xviii Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xix Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01:2017
xx Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01:2019
xxi Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xxii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017

Location & Date : NEAR WAGAN GATE, DATE-27.09.2025

xxiii Sulphur Dioxide	µg/m ³	80	10.64	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-2) : 2001
xxiv Nitrogen Dioxide	µg/m ³	80	16.86	Requirement is as per standard specification NAAQS:2009	IS 5182 (PART 6) : 2006
xxv Particulate Matter (PM10)	µg/m ³	100	72.52	Requirement is as per standard specification NAAQS:2009	IS 5182(PART-23) : 2006
xxvi Particulate Matter (PM2.5)	µg/m ³	60	5.41	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-02, Issue No.01:2017
xxvii Carbon Monoxide (CO) (01 Hrs.)	mg/m ³	04	0.72	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xxviii Ozone (O3) (01 Hrs.)	µg/m ³	180	6.6	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-19:2019
xxix Lead (as Pb)	µg/m ³	1.0	<0.02	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xxx Ammonia (NH3)	µg/m ³	400	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-05, Issue No.01:2017
xxxi Benza (a) Pyrene (BaP)	µg/m ³	01	<0.1	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01:2019
xxxii Arsenic (as As)	µg/m ³	06	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017
xxxiii Nickel (Ni)	µg/m ³	20	<4.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-10, Issue No.01:2017

Location & Date : NEAR ADMIN BUILDING, DATE-27.09.2025

i Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01:2019
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Location & Date : NEAR MAIN GATE, DATE-27.09.2025

ii Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01:2019
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Location & Date : NEAR WAGAN GATE, DATE-27.09.2025

iii Benzene (C6 H6)	µg/m ³	05	<1.0	Requirement is as per standard specification NAAQS:2009	KLPL/SOP/AIR-07, Issue No.01:2019
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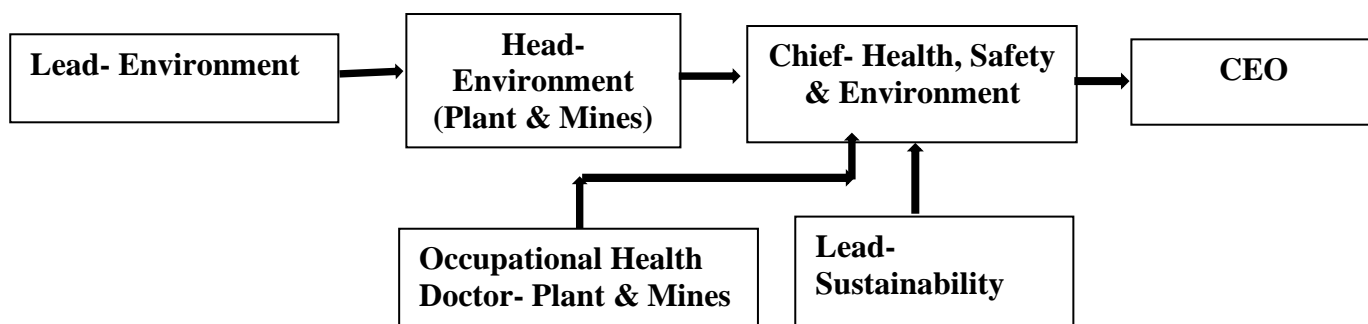


STATUS OF ENVIRONMENT MANAGEMENT CELL IN M/S FERRO ALLOYS CORPORATION LTD.

A. Details of Persons available in the Cell:

Sl.No.	Name of the Persons	Designation	Duty assigned	Mob. No / Email	Qualification
01	Krutisunder Mohapatra	Chief- HSE	Health, Safety & Environment	7894405442 krutisunder.mohapatra@vedanta.co.in	M.Tech in ENV., PDIS, PGDBM
02	Biswa Bhusan Panigrahi	Head- Environment	Env.mgmt.& Pollution control	7735738480 biswabhusan.panigrahi@vedanta.co.in	M.Sc. in Environmental Science
03	Susanta Biswal	Head Geology & Environment (Mines)	Env. Mgmt & Pollution control	9437496738 susanta.biswal@vedanta.co.in	M.Sc. in Geology
04	Somnath Pal	Lead- Environment	Env.mgmt.& Pollution control	9064376724 somnia.pal@vedanta.co.in	M.Tech in Environmental Engineering
05	Avik Biswas	Lead- Sustainability	ESG & Sustainability	8902791259 avik.biswas@vedanta.co.in	Postgraduate Diploma in Forestry Management
06	Nilesh Pratap Singh	Lead- Sustainability	ESG & Sustainability	8455002075 nilesh.singh1@vedanta.co.in	Postgraduate Diploma in Sustainability Management
07	Dr Swati Jaiswar	Medical Officer (Plant)	Occupational Health	7536073463 ohc.facor@vedanta.co.in	MBBS, AFIH
08	Dr Anil Mahto	Medical Officer (Mines)	Occupational Health	7328002623 ohc.ostapal@vedanta.co.in	MBBS, AFIH

B. Reporting system of the Environment Management Cell (Please enclose Organization Chart).



Ref. No: FACL/BDK/SPCB/091/2025-26
Date: 29.09.2025

To,

The Member Secretary,
State Pollution Control Board,
Paribesh Bhawan, A/118,
Nilakantha Nagar, Unit-VIII,
Bhubaneswar.

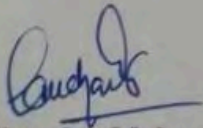
Sub: Submission of Environmental Statement for the year 2024-25 by M/s Ferro Alloys Corporation Limited (Power Plant), Randia, Bhadrak.

Sir,

With reference to the above cited subject, please find enclosed copy of Environmental Statement for the financial year ending 31st March, 2025 in **Form-V** by M/s Ferro Alloys Corporation Limited (Power Plant) for your kind perusal.

Thanking you,

Yours faithfully,
For Ferro Alloys Corporation Limited



Girish Chandra Mohanty
Factory Manager-PP

Encl: As above

Copy to: The Regional Officer, SPCB, Balasore.

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

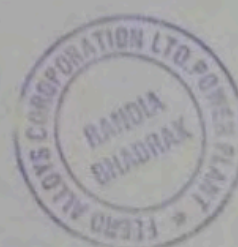
ENVIRONMENTAL STATEMENT REPORT

**FOR THE FINANCIAL YEAR
2024-25**

IN RESPECT OF

**FERRO ALLOYS CORPORATION LIMITED
(POWER PLANT)**

**Randia, Bhadrak,
Odisha.**



FORM – V
(See Rule – 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR 2024-25

PART - A

01. Name and address of the : **Mr. Pankaj Kumar Sharma**
owner/occupier of the industry : **Chief Executive Officer**
operation : **M/s. Ferro Alloys Corporation Limited**
(Power Plant)
At:D.P.Nagar, PO:Randia,
District – Bhadrak-756135, Odisha.
02. Industry Category : Red category
:
Primary (STC Code)
Secondary (SIC code)
03. Production Capacity : Captive Power Plant - 100 MW
04. Year of Establishment : July'2011
05. Date of last Environmental : 28.09.2024
Statement submitted

PART - B

WATER CONSUMPTION & RAW MATERIAL CONSUMPTION

1. <u>Water Consumption</u>	<u>M³/day (Max.)</u>
Process	102
Industrial Cooling	3806
Domestic (Potable)	59

2. Process Water Consumption

Name of the Products	Generation		Process water consumption / unit of Output	
	23-24	24-25	23-24	24-25
Power	290536 MWH	438682 MWH	3.31 m ³ /MW	3.35 m ³ /MW

3. Raw Material Consumption

Name of raw materials	Name of the product	Consumption of raw materials / unit of product output	
		23-24	24-25
Coal	Power	0.924 MT/MW	0.955 MT/MW
HSD	Power	32 KL	67.05 KL

PART - C

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

A: WATER

No pollutant is discharged with water as the plant follows Zero Liquid Discharge Facility.

B. AIR

SLNo.	Location	Pollutant concentration		
		PM (mg/Nm ³)	SO ₂ (mg/Nm ³)	NO _x (mg/Nm ³)
1	ESP outlet of CFBC Boiler	43	160	126
		CO ₂ (%)	CO (%)	Hg (%)
		8.1	<0.001	0.012



PART - D

HAZARDOUS WASTE

(As specified under hazardous waste management and handling rules, 1989)

Hazardous Waste	Total Quantity	
	23-24	24-25
Used Oil	0 KL	10.19 KL
Waste containing Oil	0T	0T
Spent Resin	0 KL	0 KL
ETP Chemical Sludge	0 MT	0 MT
Empty Containers	0.98 MT	0.98 MT

PART- E

SOLID WASTE

Source	Total Quantity (MT)	
	23-24	24-25
Fly ash from Silos	100607	166029
Bottom ash from Boiler	16151	29568

PART - F

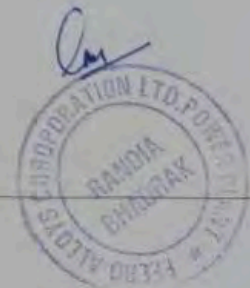
Please specify characterization (in terms of composition and quantum) of hazardous as well as solid waste and indicate disposal adopted for both these categories of waste.

Solid Waste	Total Quantity (24-25)	Characteristics of fly ash	Remarks
Fly ash & Bottom Ash	195597 MT	Al ₂ O ₃ – 23.9% Arsenic (As) - <0.005 Mg/Kg Cadmium <0.005 Mg/kg Calcium (As CaO)- 7.5% Chromium (as Cr) – 2.1 Mg/kg Fe ₂ O ₃ – 4.25% Lead (Pb) – 0.13 Mg/kg MgO – 1.6% Beryllium (as Be) <0.005 Mg/kg Mercury (as Hg) <0.005 Mg/kg SiO ₂ – 60.6 % Barium (as Ba) <0.005 Mg/kg Nikel (as Ni)-0.17 Mg/kg	We have provided 3 nos. of ash silo of 800M ³ volume each & 1 no bed ash silo for pneumatic ash conveying to control fugitive emission. Then ash is moist with 15 to 20% of recycle water in ash silo and unloaded from silo into trucks. Fly ash is being utilized in ash brick manufacturing plants and bottom ash is being used for low-lying development.

PART-G

Impact of the pollution abatement measures taken for the conservation of natural resources and on the cost of production.

1. Ferro Alloys Corporation Ltd. (Power Plant) has taken adequate pollution control measures at source level, so that the operation of the plant does not have any adverse impact on natural resources and the environment.
2. High efficiency electro-static precipitators have been installed in CFBC boiler to control the particulate matter emission within the permissible limit.
3. We have installed 10KLD STP for sewage water treatment and recycling the water in greenbelt development.
4. Similarly, 1000KLD Surface Runoff Treatment Plant has been installed to treat all runoff water inside the power plant and charge chrome plant to achieve Zero Liquid Discharge.
5. To ensure cleanliness of outside public roads as well as internal roads, a Wheel washing system is in operation to clean the wheel of vehicles.
6. Adequate green belt has been developed inside the plant premises to act as a barrier for noise and dust pollution.
7. All internal roads have been concreted to reduce the fugitive dust emission inside the plant premises.
8. In power plant, fixed and flexible water sprinkling systems have been provided at various dusts generating areas such as raw material carrying conveyer, coal circuit, rotary breaker etc. and also 1 no of mist canyon attached with fire tender (capacity of 3KL) has been engaged for sprinkling of water at raw material yard, ash disposal site and inside & outside the road of the factory.
9. Housekeeping has been taken on top priority and specific manpower has been engaged on daily basis for maintaining neat & clean environment in the plant premises.
10. One Mechanical Road Sweeping Machine has been deployed for effective cleanliness of inside roads.



PART- H

Additional measures / investment proposal for environmental protection Including abatement of pollution

Expenditure for Environmental Protection FY 2024-25

Sl. No.	Project Description	Amount (INR)
i	AMC for AAQMS & CEMS & data communication	4,92,000
ii	Operation & Maintenance expenditure on ESP	14,00,000
iii	Energy consumption cost for ESP, CHP Dust Extraction & Dust Suppression System	35,85,615
iv	Performance Improvement and maintenance of Effluent Treatment Plant	14,75,408
v	Labor Engagement for housekeeping & Plantation maintenance work	13,05,404
vi	Engagement of Truck mounted Mist cannon	25,48,661
vii	Operational & Maintenance of Road sweeping machine	18,28,926
viii	Ash Handling expenses	21,97,777
ix	Operation & Maintenance of STP	1,98,781
x	Environment Monitoring Expenses (Air, Water, Waste, Noise etc)	2,46,389
xi	AMC for surveillance system (HD IP Camera)	1,21,200
xii	Calibration of Flowmeters	2,00,000

PART – I

Any other particulars for improving the quality of the environment

Ferro Alloys Corporation Limited (Power Plant) has taken various initiatives for abatement of pollution control and environment protection measures. We have installed 10KLD STP for sewage water treatment and recycle the water in greenbelt development. Similarly, 1000KLD Surface Runoff Treatment Plant has been installed to treat all runoff water inside the CPP & CCP plant to achieve Zero Liquid Discharge. Power Plant is continuously putting effort into achieving 100% ash utilization for making fly ash bricks and low-lying area development. Fly ash

Fly ash bricks are utilized in our construction activities to promote circular economy. We have engaged mist canyon and mechanized road sweeping machine to control fugitive emissions. We are continuously developing greenbelt wherever open space is available to improve plant beautification as well to act as a barrier for prevention and control of pollution.



ସର୍ବସାଧାରଣ ବିଜ୍ଞପ୍ତି

ଏତଦ୍ୱାରା ସର୍ବସାଧାରଣଙ୍କ ଅବଗତ କରିବା ଲିଖିତ କାର୍ଯ୍ୟକାରୀ ବିଧାନମାନଙ୍କ ଯେ, ମେସର୍ସ ଫେକର ପାଣ୍ଡାଲ ଲିମିଟେଡ୍, ଡି.ପି.ନଗର, ରାହିଆ, ଭଦ୍ରକରେ କୋଇଲାବିରିବି ଅର୍ମାଲ ପାଣ୍ଡାଲ ପ୍ରାକ୍ତନ ସ୍ଥାନରେ ନିମ୍ନ ଲିଖିତ ଓ ପରିବେଶ ସୁରକ୍ଷା ନିୟମାବଳୀରୁ ପରିବେଶ ସ୍ୱାକ୍ଷର ପ୍ରାପ୍ତ ହୋଇଅଛି । ଏହି ସ୍ୱାକ୍ଷର ପ୍ରାପ୍ତ କରି ରାଜ୍ୟ ପରିବେଶ ନିୟମାବଳୀରୁ ପ୍ରାପ୍ତ ହେବ ଏବଂ ଏହା ପରିବେଶ ନିୟମାବଳୀର ଶ୍ରେୟସାଧକ <http://envfor.nic.in> ରେ ମଧ୍ୟ ପ୍ରାପ୍ତ ହେବ ।

ସ୍ୱା./- ନିର୍ଦ୍ଦେଶକ
ଫେକର ପାଣ୍ଡାଲ ଲିମିଟେଡ୍

PUBLIC NOTICE

It is hereby informed to General Public that, **M/s. FACOR POWER LTD.**, accorded Environmental Clearance from Ministry of Environment and Forest for setting up a coal based thermal power plant at D.P. Nagar, Randia, Bhadrak and the copies of clearance letter are available with the state Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>.

Date - 11 - 05 - 2009.

THE SAMAJ.

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page - 9]

Environment Clearance in Company Portal

Compliances

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Search Compliances



Kalarangiatta Env Monitoring – March' 2023

PDF, 1.71 MB



Environment Clearance of Power Plant

PDF, 758.92 KB



HSE

CSR

Compliances