

Kamlesh Kr Jha

From: Kamlesh Kr Jha
Sent: 24 September 2024 11:34
To: 'ranchijspcb@gmail.com'; 'ro.ranchi-mef@gov.in'; 'jspcb.jsr@gmail.com'
Subject: Submission of Environmental Statement (Form V) for Unit II (1 x 270 MW) of M/s Adhunik Power & Natural Resources Limited,Village-Padampur, Dist-Saraikela-Kharswan, Jharkhand for FY (2023-24).
Attachments: Environment Statement-Unit II (2023-24).pdf

To,
Member Secretary
Jharkhand State Pollution Control Board,
HEC Campus, Dhurva,
Ranchi , Jharkhand.
Sub- Submission of Environmental Statement (Form V) for Unit II (1 x 270 MW) of M/s Adhunik Power & Natural Resources Limited,Village-Padampur, Dist-Saraikela-Kharswan, Jharkhand.

Ref: Environmental Clearance letter No J-13012/8/2009-IA.II(T), Dated 09th May 2011.

Dear Sir,

In line with compliance of above referred EC letter point No XIII of general condition, Please find attached herewith Environmental statement (Form V) for the financial year 2023-24.

This is for your kind information & record please.

Thanking You

Regards

Kamlesh Kumar

A.G.M-Environment

Adhunik Power & Natural Resources Ltd.

Vill.-Padampur,,Behind P.G.C.I.L Substation,Tata-Kandra Road

Saraikela-Kharsawan,Pincode:-832402,Jharkhand

Cell No: - 07763818994

Email Id:- kamleshkrjha@adhunikpower.co.in

Website:- www.adhunikpower.com

Attachment: As mentioned above

CC: 1. Integrated Regional Office -Ranchi,
Ministry of Environment, Forest and Climate Change,
2nd Floor, Jharkhand State Housing Board (HQ)
Harmu Chaouk, Ranchi, Jharkhand-834002
2. Regional Office. JSPCB, Adityapur



ADHUNIK POWER & NATURAL RESOURCES LIMITED

WORKS : Village - Padampur, Behind P.G.C.I.L. Substation,
Adityapur - Kandra Road, Saraikela - Kharsawan, PIN - 832402 Jharkhand
Phone : +91 - 657 - 6628400, Fax : +91 - 657 - 6628440
CIN - U40101WB2005PLC102935

Ref No APNRL/JSPCB/ES/2023-24/02

Date: 23th Sep 2024

Member Secretary
Jharkhand State Pollution Control Board,
HEC Campus, Dhurva,
Ranchi , Jharkhand.

Sub- Submission of Environmental Statement (Form V) for Unit II (1 x 270 MW) of M/s
Adhunik Power & Natural Resources Limited, Village- Padampur, Dist- Saraikela-
Kharswan, Jharkhand.

Ref: Environmental Clearance letter No J-13012/8/2009-IA.II(T), Dated 09th May 2011.

Dear Sir,

In line with compliance of above referred EC letter point No XIII of general condition, Please
find attached herewith Environmental statement (Form V) for the financial year 2023-24.

This is for your kind information & record please.

Thanking You

Your's faithfully

(Authorized Signatory)

Encl: As mentioned above

CC: 1. Integrated Regional Office -Ranchi,
Ministry of Environment, Forest and Climate Change,
2nd Floor, Jharkhand State Housing Board(HQ)
Harmu Chaouk, Ranchi, Jharkhand-834002

CORPORATE OFFICE : "LANSDOWNE TOWER", 2/1A, Sarat Bose Road, Kolkata - 700 020

Ph : +91 - 33 - 30517100 / 7200 / 7300 • Fax : +91 - 33 - 22890285

REGD. OFFICE

: 14, N. S. Road, 2nd Floor, Kolkata - 700 001, Phone No. +91 - 33 - 22428551, 22428553

Website

: www.adhunikpower.com

FORM-V

From:

Adhunik Power & Natural Resources Limited

Village: Padampur

Dist: Saraikela-Kharsawan – 832 402

Jharkhand.

To,

Member Secretary

Jharkhand State Pollution Control Board,

HEC Campus, Dhurva,

Ranchi , Jharkhand.

**Environmental Audit Statement for the financial year ending on the 31st March-2024 for
Unit-II (1 x 270 MW)**

PART – A

- | | | |
|---|---|--|
| (i) Name & Address of the owner/occupier of the Industry operation or process | : | Sh. Nirmal Agarwal
Adhunik Power & Natural Resources
Ltd, Vill- Padampur, Adityapur-
Kandra Road, Dist- Sariekela-
Kharswan, Jharkhand |
| (ii) Industry Category | : | Red Category |
| (iii) Production Capacity – (Units-MW) | : | Power
270 MW Per Hour |
| (iv) Year of Establishment
(COMMERCIAL PRODUCTION DECLARED) | : | 19 th May 2013 |
| (v) Date of Last Environmental Statement
Submitted | : | 20th September 2023 |

PART-B

Water and Raw Material Consumption

(i) Water Consumption KL/Day

Process	: 735.9
Cooling	: 11797.6
Domestic	: 119.89

Name of product	Process water consumption per unit of product output	
	During the previous financial year 2022-23	During the current financial year 2023-24
Electricity 270 MW Per Hour	0.223 KI	0.126 KI

(ii) Raw Material Consumption

Name of Raw Materials	Name of product	Consumption of raw material per unit of output (Total Production)	
		During the previous financial year 2022-23	During the current financial year 2023-24
Coal	Power	0.690MT	0.723 MT
LDO		0.00027 KL	0.00014 KL

PART – C

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

Pollutants	Qty. Of pollutants discharged (Mass / Day) NIL	Concentration of Pollutants in discharges (Mass / Day) NIL	Percentage of variation from prescribed standards with reasons
(i) Water Unit Limit pH 5.5. to 9.0 SS < 100 mg/l Oil & Grease < 10 mg/l BOD ₅ < 30 mg/l COD < 250 mg/l	1) Effluent generated from Cooling tower, DM plant, IBD tank, CPI separator is being utilized in HCDG system. 2) Effluent generated from CBD is being reutilized in quenching & dust suppression system. 3) Effluent generated from STP is being utilized for gardening		Concentration are below the prescribed limits. ETP & STP analysis report are enclosed as Annexure I
(ii) Air(Stack) PM SO ₂ NO _x	1121.8 Kg/Day 34771.7 Kg/Day 11042.8 Kg/Day	39.7 mg/Nm ³ 1230.6 mg/Nm ³ 390.8 mg/Nm ³	Concentration are below the prescribed limits. Stack monitoring report are enclosed as Annexure II

Refer to MoEF notification dated 07.12.2015 and amendement to, FGD system installation are in progress to reduce the concentration of SO₂ in Flue gases.

* The Effluent Treatment facility for Unit I and Unit II is common.

PART - D
HAZARDOUS WASTES
(As specified under Hazardous Wastes Management and Handling
& Transboundary Movement Rules, 2008)

Hazardous Wastes	Total Quantity (KL).	
	During the previous financial Year	During the current financial Year
	2022-2023	2023-2024
1 From Process	Used Oil- 5.016 Kl Waste Oil- 1.671 Kl	Used Oil- 2.79952 Kl Waste Oil- 0.64968 Kl
2 From Pollution Control Facilities	0 KL	0 KL

- The APNRL has obtained Hazardous Waste Authorization from JSPCB for Collection & Storage of Hazardous waste.
- Waste / Spent Oil is collected at centrally located point in isolated stores area meant for them in sealed M.S. Drums which is further sent to authorized recycler for disposal as per norms of MoEF.

PART - E

Solid Wastes

	Total Quantity (MT)	
	During the previous financial Year	During the current financial Year
	2022-2023	2023-2024
(a) From Process • Bottom Ash	72964 MT	60819 MT
(b) From Pollution Control Facility • Fly ash	413461MT	444330 MT
(c) (1) Quantity recycled or re-utilized within the unit		
(2) Sold		
(3) Disposed • Fly Ash • Bottom Ash	406473.78 MT 0 MT	369578.0 MT 38324.3 MT

PART – F

Please specify the characterization (In terms of composition and quantum) of hazardous as well as solid and indicate disposal practice adopted for both these categories of wastes.

Hazardous Waste:

1) Solid Hazardous Waste:

- Bio medical Waste is generated from OHC is being disposed as per CPCB Guidelines.
- Waste generated from Canteen is used from preparing bio-compost & it is used for plantation.
- For the collection of dry fly ash, silos have been provided with pneumatic system & Bottom ash is led to the Ash dyke through pipeline in wet slurry mode.

2) Liquid Hazardous waste:

- In this financial year, Used Oil-2.80928 KL & Waste Oil-1.09152 KL have been generated from process and disposed to authorized recycler as per norms of MoEF.

3) E Waste

- E Waste are disposed through Authorized reproprocessors/Recyclers.

PART - G

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

The following practices are adopted for the pollution control & conservation of natural resources:

- Specific Water consumption in FY 2023-24 is 2.19 m³ /MWh which is substantially below the statutory limit of 3.5 m³ /MWh.
- Reduce-Reuse-Recycle is adopted for water usage. We are using effluent water generated from Cooling tower, DM plant, IBD tank for Ash handling system instead of fresh water from River Subarnarekha.
- Ash water recirculation system (AWRS) is operational since inception of the plant. AWRS is used to recirculate decanted water from ash ponds to plant, where water is again used in ash slurry system, thus freshwater requirement is minimal.
- Extensive tree plantation is under progress as a part of green belt development, which will control the impact of Air pollution and optimize the ambient temperature of surrounding areas.
- Twin flue stack with height of 275 m are provided as per the CPCB guidelines for better dispersion of emissions and keep the concentrations within JSPCB/CPCB specified standards.

- High efficiency Electrostatic precipitators (ESPs) are provided for control of dust emissions into flue gases.
 - Dust suppression system is installed at Truck tipping area.
 - Dust Extraction system along with bag Filters have been installed at Coal bunker, Intermediate Silo & Ash Silo to arrest the fugitive emissions.
 - Roof sheeting and side cladding in conveyor galleries and TPs are installed to control fugitive dust
 - The plant is designed on COC of more than 5 which is helpful in water conservation which further lead to reduction in overall fresh water intake.
 - Garland drain connected with coal settling pit are installed in the Coal Stockyards for the reutilize of coal containing water.
 - Mist canyons are installed around the coal stock yard for the control of fugitive dust.
 - Belt washing system, coal settling pits and waste water recovery system are installed at transfer house for the dust suppression and water recovery.
 - Water spraying system is installed in ash pond area for controlling the ash fugitive emissions, if any.
 - Effluent Treatment Plant (ETP) and Sewage Treatment Plants (STP) are installed to control water pollution.
 - Rain Water harvesting is being practiced in the plant premises, which helps in ground water recharging.
 - Good housekeeping is maintained within the plant premises.
- Because of the adaptation of aforementioned methods, the quality of emissions and discharges are maintained below the permissible limits prescribed by the MoEF&CC / CPCB / JSPCB.

PART - H

Additional measures / investment proposals for environmental protection including abatement of prevention of pollution.

- APNRL is regularly monitoring ambient air, stack, noise level, water quality and soil quality in and around the plant premises. All the emissions and discharges are meeting the permissible limits prescribed by MoEF / CPCB / JSPCB. It is proposed to further strengthen the monitoring and reporting process.
- Ash Water Recovery System is installed for further reuse of ash water. Green belt development within plant premises is proposed to be accelerated.
- As per New Environment Norms, we are in process for bidding to install FGD system & DeNOx system for reducing level of SO₂ and Oxide of Nitrogen in Flue gases.

PART – I

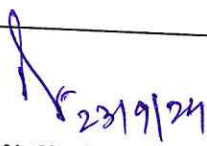
Any other particulars for improving the quality of the environment:

The part – I of any Environmental Statement report is perhaps the best scale to measure various parameters of the plans, target, achievements and ultimate impact. APNRL has made sincere efforts to visualize the general environmental scenario and implemented plan for the associated improvements. Some highlights are mentioned below:

1. Received certification for ISO 9001:2008, ISO 14001: 2004 & ISO 18001:2007 from BSI.
2. Training on EMS to all employees and contract labors to create Environment awareness.
3. Green Belt development is under progress.
4. Only PUC certified vehicles are engaged.
5. Monitoring of Ambient air quality, Surface and ground water quality, stack monitoring, soil, Noise level is being done through MoEF & NABL accredited laboratory.
6. Full-fledged Environmental laboratory has been installed.
7. Installation of Online Effluent monitoring system has been completed.
8. Webhosting of online environment data on CPCB/SPCB website have been completed.
9. Electronics Display board is provided at the main gate for public data display.
10. Audit by recognized organization i.e. ERM has been conducted to improve Environmental & Social Management system (EMS).
11. Celebration of Environmental promotional activities (Environment day, Earth Day, Water day, Ozone day).
12. Remote calibration facility of CEMS has been completed.
13. 200 no Solar light system has been installed in plant premises.

Date: 23/09/2024



Signature : 
Name : M. N. Singh
Designation : Head –O&M
Address : Adhunik Power & Natural Resources
Limited, Village : Padampur
Dist: Saraikela-Kharsawan –
832 402. Jharkhand



YUGANTAR BHARATI ANALYTICAL & ENVIRONMENTAL ENGINEERING LABORATORY

Certified by :- ISO 9001:2015 & ISO 45001:2018

Annexure I



TC-12989

Test Report

ULR (Unique Lab Report) No.	TC	1	2	9	8	9	2	4	0	0	0	0	0	0	1	4	8	F
Discipline	Chemical	Group	Pollution & Environment	Sample Description														
Report Release Date	16 th March, 2024			Waste Water / Effluent Water														
W. Order / JSPCB App. No.	3030006964			Report ID														
Type of Industry (if any)	Thermal Power Plant			Work Order Date														
Report Issue to	M/s Adhunik Power & Natural Resources Ltd. Vill.-Padampur, PGCILS, Kandra-832402, Seraikela-Kharsawan, Jharkhand.			Job code/ Ref. no.														
Sampling Date	06/03/2024			YBAEEL/WA/LW/Mar.-24/03														
Sampling Protocol	IS : 17614 (Part-1): 2021			Mode of sample collection														
Sampling Location	ETP Outlet			By YBAEEL Team														
Sample pkg. Condition	Sealed Pack in PP Bottle			Sample Code														
Meteorological Cond. of Field	W.C.- Clear			240307-WW-E01														
Sample receipt Date	07/03/2024			Sampling Source														
	Analysis Started on			Effluent Water														
	07/03/2024			Sample Quantity														
				3000 ml														
				RH % - 42														
				Temp.-27°C														
				Analysis completed on														
				16/03/2024														

Sl	Parameter	Test Method	Units	Results	Limits
1.	pH value	IS 3025 (P-11):2022 (Electrometric Method)	pH	7.70 at 27.0°C	5.5 - 9.0
2.	Temperature	IS 3025 (P-09):2023	°C	27.0	..
3.	Total Suspended Solids	IS 3025 (P-17):2022 (Gravimetric Method)	mg/l	12.0	100
4.	BOD (3 days at 27°C)	IS 3025 (P-44):1993, RA 2019 (Oxygen Depletion Method)	mg/l	4.8	30
5.	COD	IS 3025 (P-58):2006, RA 2022	mg/l	44.0	260
6.	Chloride (as Cl ⁻)	IS 3025 (P-32):1988, RA 2019 (Argentometric Method)	mg/l	10.9	..
7.	Sulphate (as SO ₄ ²⁻)	IS 3025 (P-24-Sec 1):2022 (Turbidity Method)	mg/l	18.4	..
8.	Copper (as Cu)	APHA 3111 B 24 th edition 2023 (Direct Air Acetylene Flame Method)	mg/l	BDL (MDL 0.01)	3
9.	Lead (as Pb)	APHA 3111 B 24 th edition 2023 (Direct Air Acetylene Flame Method)	mg/l	BDL (MDL 0.02)	0.1
10.	Zinc (as Zn)	APHA 3111 B 24 th edition 2023 (Direct Air Acetylene Flame Method)	mg/l	0.10	5
11.	Chromium (as Cr)	APHA 3111 B 24 th edition 2023 (Direct Air Acetylene Flame Method)	mg/l	0.37	2

Limit is specified as	Environmental (Protection) Rule - 1986.
Abbreviation	MDL : Minimum detection limit, BDL : Below detection limit.
Env. Condition of Lab	Laboratory is maintaining Temperature 27 ± 2°C and Relative Humidity 65 ± 5% in all testing areas as per IS 156:1966 (C).
Specific contractual notes	All values are expressed in as unit and results listed refer only to the tested sample and applicable parameter in Lab's Permanent Facility.
	This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
	This report cannot be reproduced, except when in full, without the written permission of the CEO.
	The samples collected shall be destroyed after 15 days from the date of issue of the certificate unless specified otherwise.
	The liability of the laboratory is limited to the invoiced amount.
	All disputes are subjected to the Ranchi Jurisdiction.
Remarks	Sample complies with prescribed limit.

Sample Drawn By - Mukesh Singh
Tested By - Shivani Kumari Singh (Sr. Lab Analyst)

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

Verified & Issued by
Sanjeev Kumar Singh
(Technical Manager)

Chemical Section
Yugantar Bharati Analytical &
Environmental Engineering Laboratory



ISO 9001:2015
ISO 45001:2018

Enquiry Office - Jamshedpur Dhanbad Hazaribag Pakur
Main Office Cum Laboratory :- Plot No. 551, Khata No 62, Sidroul, P.O. Namkum, P.S. Namkum, Ranchi, Jharkhand
Ph : 09835197960, 9304955304, Email - ybaeel@gmail.com, Web - https://ybaeel.in



YUGANTAR BHARATI ANALYTICAL & ENVIRONMENTAL ENGINEERING LABORATORY

Certified by :- ISO 9001:2015 & ISO 45001:2018



TC-12989

Test Report

ULR (Unique Lab Report) No.		TC 1 2 9 8 9 2 4 0 0 0 0 0 0 1 4 7 F																
Discipline	Chemical	Group	Pollution & Environment								Sample Description							
Report Release Date	16 th March, 2024		Report ID								Waste Water / Effluent Water							
W. Order / JSPCB App. No.	3030006964		Work Order Date								YBAEEL-240229-152312-WW01							
Type of Industry (If any)	Thermal Power Plant		Job code/ Ref. no.								03.02.2024							
Report Issue to	M/s Adhunik Power & Natural Resources Ltd. Vill.-Padampur, PGCILS, Kandra-832402, Seraikela-Kharsawan, Jharkhand.																	
Sampling Date	05/03/2024		Mode of sample collection								By YBAEEL Team							
Sampling Protocol	IS : 17614 (Part-1): 2021		Sample Code								240307-WW-E01							
Sampling Location	STP Outlet		Sampling Source								Effluent Water							
Sample pkg. Condition	Sealed Pack in PP Bottle		Sample Quantity								3000 ml							
Meteorological Cond. of Field	W.C.- Clear		RH % - 42								Temp.-27°C							
Sample receipt Date	07/03/2024		Analysis Started on				07/03/2024				Analysis completed on				16/03/2024			

*****Test Results*****

Sl	Parameter	Test Method	Units	Results	Limits
1.	pH value	IS 3025 (P-11):2022 (Electrometric Method)	pH	7.32 at 27.0°C	6.5 - 8.5
2.	Temperature	IS 3025 (P-09):2023	°C	27.0	--
3.	Total Suspended Solids	IS 3025 (P-17):2022 (Gravimetric Method)	mg/l	36.0	100
4.	BOD (3 days at 27°C)	IS 3025 (P-44):1993, RA 2019 (Oxygen Depletion Method)	mg/l	16.0	30
5.	Oil & Grease	IS 3025 (P-39):2021 (Partition Gravimetric Method)	mg/l	BDL (MDL 4.0)	--
6.	Chloride (as Cl ⁻)	IS 3025 (P-32):1988, RA 2019 (Argentometric Method)	mg/l	46.0	--

Limit is specified as	Environmental (Protection) Rule - 1986.
Abbreviation	MDL : Minimum detection limit. BDL : Below detection limit.
Env. Condition of Lab	Laboratory is maintaining. Temperature 27 ± 2°C and Relative Humidity 65 ± 5% in all testing areas as per IS 196:1966 (C)
Specific contractual notes	All values are expressed in as unit and results listed refer only to the tested sample and applicable parameter in Lab's Permanent Facility This report, in full or in part, shall not be used for advertising or as evidence in any court of law. This report cannot be reproduced, except when in full, without the written permission of the CEO. The samples collected shall be destroyed after 15 days from the date of issue of the certificate unless specified otherwise. The liability of the laboratory is limited to the invoiced amount. All disputes are subjected to the Ranchi Jurisdiction.
Remarks	Sample complies with prescribed limit.

Sample Drawn By - Mukesh Singh
Tested By - Shivani Kumari Singh (Sr. Lab Analyst)

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

Verified & Issued by
 Sanjeev Kumar Singh
 (Technical Manager)
 Yugantar Bharati Analytical &
 Environmental Engineering Laboratory

Enquiry Office - Jamshedpur | Dhanbad | Hazaribag | Pakur
 Main Office Cum Laboratory :- Plot No. 551, Khata No 62, Sidroul, P.O. Namkum, Ranchi, Jharkhand
 Ph : 09835197960, 9304955304, Email - ybaeel@gmail.com, Web - https://ybaeel.in





YUGANTAR BHARATI ANALYTICAL & ENVIRONMENTAL ENGINEERING LABORATORY

Certified by :- ISO 9001:2015 & ISO 45001:2018

Annexure



TC-12989

Test Report

URL(Unique Lab Report) No.		TC		1	2	9	8	9	2	4	0	0	0	0	0	0	1	3	3	F
Discipline	Chemical	Group	Atmospheric Pollution			Sample Description			Stationary Source Emission											
Report Release Date	16 th March, 2024			Report ID			YBAEEL-240229-152312-S2													
W. Order / JSPCB App. No.	3030006964			Work Order Date			03.02.2024													
Type of Industry(if any)	Thermal Power Plant			Job code/ Ref. no.			YBAEEL/WA/L/A/Mar.-24/01													
Report Issue to	M/s Adhunik Power & Natural Resources Ltd. Vill.-Padampur, PGCILS, Kandra-832402, Seraikela-Kharsawan, Jharkhand.																			
Sampling Period	05/03/2024			Mode of sample collection			By YBAEEL Team													
Sampling Protocol	IS: 11255 & CPCB Guideline (Lats/80/2013-14)			RH % - 59			Temp. - 29°C													
Meteorological Cond. of Field	W.C.- Clear			Analysis Started on			07/03/2024			Analysis completed on			16/03/2024							
Sample receipt Date	07/03/2024			Analysis Started on			07/03/2024			Analysis completed on			16/03/2024							

General Information

As observed while sampling		As reported by customer	
Location	Sampling port hole	Type of fuel Used	Coal
Platform	Permanent	Quantity of Fuel Used (During Sampling)	160 Ton/Hr.
Stack Description (Shape & Material)	Circular / RCC	Total production Capacity	263 MW
Sampling port	Available	Height of Stack from ground level	275 mtr.
Stack Identification	Unit - II	Inner Diameter of Stack	4.2 mtr.
Height of port hole from Ground level	90 mtr.	Pollution Controlling Device (if any)	ESP
Running Oven during sampling (if any)	N/A	Total No. of Oven (if any)	N/A
Stack gas Temperature (K)	391.0		
Stack gas Velocity (m/s)	31.0		
Volumetric Flow Rate (Nm ³ /hr)	1177336.0		

Emission Rate based on Calculation of Volumetric Flow rate

1.	Particulate Matter (PM)	Kg/hr	264.5
2.	Sulphure Dioxide (SO ₂)	Kg/hr	1448.8
3.	Oxide of Nitrogen (as NO _x)	Kg/hr	786.3

*****Test Results*****

Sl	Parameters	Test Method	Units	Results	Limits
1.	Particulate Matter (PM)	IS 11255 (Part 1)2009, RA 2019	mg/Nm ³	39.7	50
2.	Sulphure Dioxide (SO ₂)	IS 11255 (Part 2)2009, RA 2019	mg/Nm ³	1230.6	600
3.	Oxide of Nitrogen (as NO _x)	IS 11255 (Part 7)2005, RA 2022	mg/Nm ³	390.8	450
4.	Carbon Monoxide (CO)	IS 13270:1992:2009, RA 2019	%	BDL (MDL 0.2)	--

Limit is specified as	Environmental (Protection) Rule -- 1986.
Abbreviation	MDL : Minimum detection limit, BDL : Below detection limit.
Env. Condition of Lab	Laboratory is maintaining, Temperature 27 ± 2°C and Relative Humidity 65 ± 5% in all testing areas as per IS 196:1966 (C).
Specific contractual notes	All values are expressed in as unit and results listed refer only to the tested sample and applicable parameter in Lab's Permanent Facility This report, in full or in part, shall not be used for advertising or as evidence in any court of law. This report cannot be reproduced, except when in full, without the written permission of the CEO. The samples collected shall be destroyed after 15 days from the date of issue of the report unless specified otherwise. The liability of the laboratory is limited to the invoiced amount. All disputes are subjected to the Ranchi Jurisdiction.
Remarks	Sample complies with prescribed limits, except SO ₂ .

Sample Drawn By - Mukesh Singh
Tested By - Akash Khalkho (Lab Analyst)

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

Verified & Issued by
Sanjeev Kumar Singh
Aut(Technical Manager)
Atmospheric Pollution
Yugantar Bharati Analytical &
Environmental Engineering Laboratory

Enquiry Office - Jamshedpur | Dhanbad | Hazaribag | Pakur
Main Office Cum Laboratory :- Plot No. 551, Khata No 62, Sidroul, P.O. Namkum, P.S. Namkum, Ranchi, Jharkhand
Ph : 09835197960, 9304955304, Email - ybaeel@gmail.com, Web - https://ybaeel.in



ISO 9001:2015
ISO 45001:2018