



Monthly Report – Sept 2026

From,
Hindalco Industries Ltd, Pune
Gut No.31/2/1 to 31/2/18, Building B,
KSH infra Park 4, Mahalunge Road, village
Varale, Chakan Tal khed, Dist Pune-Pune 410501
Maharashtra state

To,
Maharashtra Pollution Control Board
The Regional Office,
Jog Centre, 3rd floor, Mumbai Pune Road,
Wakdewadi, Pune – 411003

Subject: Submission compliances report against consent to operate condition

Earlier amendment in existing Consent to Operate granted by the Board vide no. RO / UAN No. MPCB - C ONSENT - 0000216769 / CO / 2409000950 dtd. 15/09/2024

Sr.No	Consent condition	Compliance	Remark
1	Manufacture of Battery enclosure frame of 180000 Nos/ Yr and Sill 200000 Nos/Yr. (Without any metal surface treatment or process such as pickling / electroplating / heat treatment / phosphating or finishing or anodizing / galvanizing / enamelling / Painting).	We have manufactured only the approved products mentioned in the CTO, and all quantities remain within the permitted limits.	Annexure-1 The production report is enclosed herewith.
2	As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 30.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank), Secondary (Activated sludge process), Tertiary (Activated carbon filter, RO followed by Evaporator.), Sludge treatment (Sludge drying bed) for the treatment of 30 CMD of trade effluent. The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.	We have provided an Effluent Treatment Plant (ETP) with a design capacity of 30 CMD, comprising primary, secondary, and advanced tertiary treatment units. We recycle 100% of the treated effluent and reuse it for various in-process applications within the premises, after ensuring compliance with the standards prescribed by the Board under	Annexure – 2 The analysis report of the treated effluent is enclosed herewith.

Hindalco Industries Limited

Works : Pune, Plot No. 23/1, 23/2, 27/1, 30/1, 30/2, 31 to 34 Mhalunge Road, Village Varale Chakan, PUNE - 410501

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	The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises. The treated effluent shall be 100% recycled / reused in process to achieve zero liquid discharge. There shall not be any discharge of treated / untreated effluent for gardening / outside premises.	the Water (Prevention & Control of Pollution) Act, 1974. This enables us to achieve Zero Liquid Discharge (ZLD), with no effluent discharged on land or outside the factory premises.	
3	As per your application, you have provided Sewage Treatment Plant of designed. The Applicant shall operate the sewage treatment system to treat the sewage to achieve the following standards. The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.	A common 100 CMD STP installed by KSH Infra at the park level is used by all clients, and permission has been granted to utilize it for treating Hindalco's domestic effluent.	Annexure- 3 Analysis report of treated sewage effluent is enclosed herewith
4	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.		
5	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	We will ensure the replacement of the pollution control system or its components upon completion of their expected service life, as specified by the manufacturer, to maintain continuous compliance with the prescribed standards.	
6	The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act: Domestic purpose- 15 CMD and Processing	We have installed water meters and are in compliance with the Water (Prevention & Control of Pollution) Act, 1974, as amended	Annexure- 4 Photographs of flow meters are enclosed

	whereby water gets polluted & pollutants are easily biodegradable- 30 CMD		
7	The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.	Water meters have been installed in compliance with the Water (P&CP) Act, 1974.	Annexure -5 Photograph of STP and ETP are enclosed
8	As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern: Stack No, Source, APC System provided/proposed Stack Height (in mtr), Type of Fuel , Sulphur Content (in %), Pollutant The Applicant shall provide Specific Air Pollution control equipment's as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines' The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards: PM Not to exceed 30 mg/ Nm³. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).	The requisite Air Pollution Control (APC) equipment and designated stacks have been installed and are being operated in accordance with the conditions of the MPCB Consent to Operate.	Annexure – 6 Analysis report of Stack is enclosed herewith.
9	The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent. If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122	Bank guarantee has been submitted as per consent to operate conditions	Annexure- 7 BG details
10	The Energy source for lighting purpose shall preferably be LED based	LED based lighting has been provided within the plant premises.	Annexure -8 LED bulb Photo
11	The PP shall harvest rainwater from roof tops of the	Complied	Annexure – 9

	buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant		Rainwater photograph attached
12	Conditions for D.G. Set Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use. D.G. Set shall be operated only in case of power failure. The applicant should not cause any nuisance in the surrounding area due to operation of DG Set The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.		Annexure -10 – Noise monitoring with & without enclosure
13	The applicant shall maintain good housekeeping.	Good housekeeping has been maintained within the premises as required.	Annexure -11 Photography of good housekeeping
14	The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of	We have disposed of the non-hazardous solid waste generated within the factory premises, including sweepings, in a scientific manner so as to	

	solid waste.	prevent any nuisance or pollution.	
15	The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment's provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.	We will not change or alter the quantity, quality, rate of discharge, temperature, or mode of effluent/emissions or hazardous waste, nor modify any pollution control equipment, without prior written permission from the Board.	
16	The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.		
17	The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidence (format can downloaded from MPCB official site).	We are in the process of submitting the quarterly statement regarding the industry's obligations toward consent and pollution control compliances, duly supported with documentary evidence	
18	The industry shall submit official e-mail address and any change will be duly informed to the MPCB.	Complied	
19	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.	The industry has achieved compliance with the National Ambient Air Quality Standards prescribed vide Government of India, No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.	Annexure – 12 Ambient Air reports are enclosed.
20	This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.		
21	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	We will ensure replacement of the pollution control system or its parts after expiry of their expected life, as specified by the manufacturer, so as to maintain continued compliance with the prescribed standards	
22	You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to	We do not have OCEMS installed, as no source in the	

	CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.	facility requires continuous emission monitoring. The DG set is operated only during power failures; hence, OCEMS is not applicable. However, effluent quality, stack emissions, and ambient air quality are being monitored as per the prescribed monthly/quarterly frequency. Dioxin furan monitoring is not required, as the facility does not operate any emission sources such as biomedical waste incinerators, coal-fired boilers, thermal power stations, cement/brick/metal kilns, or chemical and plastic processing units	
23	You shall ensure collection, and segregation of BMW regularly to treat and dispose O within 48 hrs from generation.	BMW disposed off through authorized party within 48 hrs from generation.	
24	Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment's, the production process connected to it shall be stopped.	Complied	
25	The applicant provides an alternate electric power source sufficient to operate all pollution control facilities install to maintain compliance with the term and condition of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by term and conditions of this consent.	We had provided back up electric power source sufficient to operate all pollution control facilities install to maintain compliance with the term and condition of the consent in terms of DG sets	
26	The industry shall recycle/ reprocess/ reuse/ recover Hazardous Waste as per the provision contain in the Hazardous and other Waste (M & TM) Rules 2016, which can be recycled/ processed/ reuse/ recover and only waste which has to be	We are under process recycle/ reprocess/ reuse/ recover Hazardous Waste as per the provision contain in the Hazardous and other Waste	

	incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and land fill site/ environment.	(M & TM) Rules 2016,	
27	An inspection book shall be open and made available to the board's officers during their visit to the applicant.	Inspection book will be open in due course of time and same will be available with us	
28	You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.	Complied	
29	Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/ sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	We had provided Separate drainage system for collection of trade and sewage effluents. Terminal manholes was provided t the end of the collection system with arrangement for measuring the flow.	
30	Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.	We had never mixed storm water and discharge from other premises with the effluents	
31	The industry should not cause any nuisance in surrounding area.	We are not caused any nuisance in surrounding area.	
32	The industry shall take adequate measures for control of noise levels form its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned 10 p.m. and 6 a.m.	We had provided adequate measures for control of noise levels form its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during night time	Annexure- 13 Noise levels report copies are enclosed
33	You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.	We had well controlled on fugitive emissions from the activity and well maintained clean and safe environment in and around the factory premises	
34	The applicant shall provide ports in the chimney/ (s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be	We had provided suitable ports in the chimney/ (s) and facilities such as ladder,	

	open for inspection to/and for use of the Board's Staff. The chimney (s) when's attached to various sources of emission shall be designed by numbers such as S-1, S-2 etc. and these shall be painted/ displayed to facilitate identification.	platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff and designated by stack numbers S-1, S-2 etc.	
35	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto	Complied	
36	The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemical used for treatment shall be maintained.	We had provided separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system	
37	The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30 th September every year on available open plot area, number of trees surviving as on 31 st March of the year and number of trees planted by September end.	We had maintained minimum 33% of the available open land under green coverage/ plantation. We had prepared well plan on available open plot area, number of trees surviving as on 31 st March of the year	
38	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.	Complied	
39	The firm shall submit to this office, the 30 th day of September every year, the Environment Statement Report for the financial year ending 31 st March in the prescribed Form-V as per the provisions of Rules 14 of the Environment (Protection) (Second Amendment) Rules, 1992.	We had regularly submitted environment statement on MPCB web portal and subsequent acknowledgement copy to MPCB office every year in the prescribed Form-V as per the provisions of Rules 14 of the Environment (Protection) (Second Amendment) Rules,	

		1992	
40	You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer	We had monitored effluent quality, stack emission and ambient air quality on the monthly basis from NABL accredited and MOEF approved laboratory Dioxin furan monitoring is not required, as the facility does not operate any emission sources such as biomedical waste incinerators, coal-fired boilers, thermal power stations, cement/brick/metal kilns, or chemical and plastic processing units	Annexure – 6 Analysis report of Stack is enclosed herewith.
41	The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).	Complied	
42	The applicant shall provide facility for collection environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.	We had provided adequate facility for collection environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points	
43	You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	Complied	
44	You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).	We are bound to complied with the water (P & CP) Act, 1974, Air (P & CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB	

		website	
45	The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture Expert for looking after day to day activities related to Environment and irrigation field where treated effluent id used for irrigation.	We had specific Environment department having knowledge of environment rules and acts for day-to-day activities related to Environment and irrigation field where treated effluent id used for irrigation.	
46	You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year	We had regularly submitted Annual Returns as per Rules 6(5) & 20(2) of Hazardous and other Wastes (M & TM) Rules, 2016 in Form-IV by 30 th June of every year	

We are requested to kindly acknowledge the same and aforesaid as per acts and Rules.

Thank You,

For Hindalco Industries Limited



Annexure – 1 Production (Battery Enclosure Frame & Sill)

Sl No	Month	Battery enclosure frame- Production (Nos)	Sill- Production (Nos)
1	Sept 2026	7947	8035

Annexure – 2 Analysis report of treated Industrial effluent- ETP Inlet

Sr. No	Parameters	Unit(s)	MPCB Limit	Sept 2026
1	pH	--	5.5- 9.0	5.26
2	Total Suspended Solids TSS	mg/L	<100	138
3	Total Dissolved Solids TDS	mg/L	<2100	2147
4	Chemical Oxygen Demand COD	mg/L	<250	208
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	mg/L	<30	63
6	Oil & Grease	mg/L	<10	<5.0
7	Chloride (as Cl)	mg/L	<600	276.9
8	Sulphate (as SO ₄)	mg/L	<1000	163.4

Annexure – 2 Analysis report of treated Industrial effluent- ETP Outlet

Sr. No	Parameters	Unit(s)	MPCB Limit	Sept 2026
1	pH	--	5.5- 9.0	7.24
2	Total Suspended Solids TSS	mg/L	<100	16
3	Total Dissolved Solids TDS	mg/L	<2100	842
4	Chemical Oxygen Demand COD	mg/L	<250	72
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	mg/L	<30	23
6	Oil & Grease	mg/L	<10	<1.0
7	Chloride (as Cl)	mg/L	<600	181.3
8	Sulphate (as SO ₄)	mg/L	<1000	117.9

Annexure- 3 Analysis report of treated sewage effluent

Sr. No	Parameters	Unit(s)	MPCB Limit	Sept 2026
1	pH	--	5.5- 9.0	7.82
2	Total Suspended Solids TSS	mg/L	<50	24
3	Chemical Oxygen demand (COD)	mg/L	<100	48
4	Biological Oxygen demand (BOD)	mg/L	<30	15
5	Oil & Grease	mg/L	<10	<1
6	Ammonical Nitrogen	mg/L	<5	-



Annexure – 4 (A) Production (Battery Enclosure Frame & Sill)

SI No	Month	Toral Water Consumption (M3)	Domestic Water Consumption (M3)
1	Sept 2026	1216	1116

Annexure – 4 (B) Photographs of flow meters



ETP Inlet



ETP Outlet

Annexure -5 Photograph of STP and ETP are enclosed



ETP



ZLD



STP



Annexure – 6 Analysis report of Stack

Parameters	Unit(s)	Specifications (MPCB Consent)	Sept 2026
Flue Gas Temperature	K		537
Differential Pressure	mmWG		4.5
Velocity	M/s		9.33
Dimensions of Stack	Mtr.		0.2
Stack Area	M2		0.0314

Gas Volume	Nm ³ /Hr		585.58
Particulate Matter	mg/Nm ³	< 150	54.1
Sulphur Dioxide(SO ₂)	mg/Nm ³	N.S.	36.9
Sulphur Dioxide(SO ₂)	Kg/day	-	0.51
Nitrogen Oxide (NO ₂)	mg/Nm ³	N.S.	23.4

Annexure -8 LED bulb Photo



Annexure -9 – Rainwater

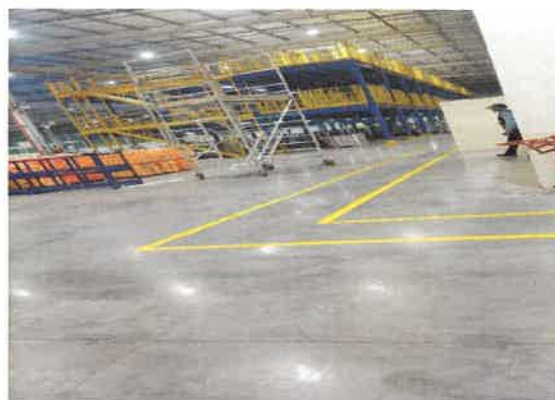


Annexure -10 – Noise monitoring with & without enclosure

Sr. No.	Test Location	Month	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
			North Side	East Side	South Side	West Side		
			DG-SET- 750 KVA					
1A	Without Enclosure		99.1	101.4	100.2	98.5	99.80	26.87

1B	With Enclosure	Sept 2026	73.7	71.6	74.1	72.3	71.92	
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Annexure -11 Photography of Good Housekeeping



Annexure – 12 Ambient Air Reports

1) Sampling Location - DG SET Side (Main Gate South)

SI No	Parameters	Unit(s)	Specifications (NAAQ Standards)	Sept 2026
1	Sulphur Dioxide(SO ₂)	µg/m ³	> 80	12.8
2	Oxides of Nitrogen(NO ₂)	µg/m ³	> 80	19.3
3	Particulate Matter PM ₁₀	µg/m ³	> 100	47.2
4	Particulate Matter PM _{2.5}	µg/m ³	> 60	16.9
5	Carbon Monoxide (CO)	mg/m ³	> 04	BDL
6	Ozone(O ₃)	µg/m ³	> 180	BDL
7	Lead (Pb)	µg/m ³	> 01	BDL
8	Arsenic(As)	ng/m ³	> 06	BDL
9	Nickel(Ni)	ng/m ³	> 20	BDL
10	Ammonia(NH ₃)	µg/m ³	> 400	BDL
11	Benzo(a)Pyrene(BaP)	ng/ m ³	> 1.0	BDL
12	Benzene(CGHG)	µg/m ³	> 05	BDL

2) Sampling Location - Dispatch Side Area

SI No	Parameters	Unit(s)	Specifications (NAAQ Standards)	Sept 2026

1	Sulphur Dioxide(SO ₂)	µg/m ³	> 80	10.7
2	Oxides of Nitrogen(NO ₂)	µg/m ³	> 80	16.9
3	Particulate Matter PM ₁₀	µg/m ³	> 100	42.3
4	Particulate Matter PM _{2.5}	µg/m ³	> 60	14.1
5	Carbon Monoxide (CO)	mg/m ³	> 04	BDL
6	Ozone(O ₃)	µg/m ³	> 180	BDL
7	Lead (Pb)	µg/m ³	> 01	BDL
8	Arsenic(As)	ng/m ³	> 06	BDL
9	Nickel(Ni)	ng/m ³	> 20	BDL
10	Ammonia(NH ₃)	µg/m ³	> 400	BDL
11	Benzo(a)Pyrene(BaP)	ng/ m ³	> 1.0	BDL
12	Benzene(CGHG)	µg/m ³	> 05	BDL

Sampling Location - Worker Entry Security Cabin Side (West)

Sl No	Parameters	Unit(s)	Specifications (NAAQ Standards)	Sept 2026
1	Sulphur Dioxide(SO ₂)	µg/m ³	> 80	15.4
2	Oxides of Nitrogen(NO ₂)	µg/m ³	> 80	23.9
3	Particulate Matter PM ₁₀	µg/m ³	> 100	52.6
4	Particulate Matter PM _{2.5}	µg/m ³	> 60	21.8
5	Carbon Monoxide (CO)	mg/m ³	> 04	BDL
6	Ozone(O ₃)	µg/m ³	> 180	BDL
7	Lead (Pb)	µg/m ³	> 01	BDL
8	Arsenic(As)	ng/m ³	> 06	BDL
9	Nickel(Ni)	ng/m ³	> 20	BDL
10	Ammonia(NH ₃)	µg/m ³	> 400	BDL
11	Benzo(a)Pyrene(BaP)	ng/ m ³	> 1.0	BDL
12	Benzene(CGHG)	µg/m ³	> 05	BDL

Sampling Location - Material Store Side (Near OP-100 m/c North)

Sl No	Parameters	Unit(s)	Specifications (NAAQ Standards)	Sept 2026
1	Sulphur Dioxide(SO ₂)	µg/m ³	> 80	13.9
2	Oxides of Nitrogen(NO ₂)	µg/m ³	> 80	21.4
3	Particulate Matter PM ₁₀	µg/m ³	> 100	46.2
4	Particulate Matter PM _{2.5}	µg/m ³	> 60	19.8
5	Carbon Monoxide (CO)	mg/m ³	> 04	BDL
6	Ozone(O ₃)	µg/m ³	> 180	BDL
7	Lead (Pb)	µg/m ³	> 01	BDL
8	Arsenic(As)	ng/m ³	> 06	BDL

9	Nickel(Ni)	ng/m3	> 20	BDL
10	Ammonia(NH3)	µg/m3	> 400	BDL
11	Benzo(a)Pyrene(BaP)	ng/ m3	> 1.0	BDL
12	Benzene(CGHG)	µg/m3	> 05	BDL

Annexure- 13 Noise Levels Reports

Sr no	Locations	Specifications (CPCB Standards dB(A)	Method	Sept 2026	
				dB (A) Day	dB (A) Night
1.	DG SET Side Main Gate	75/70	CPCB Guideline	58.9	51.7
2	Worker Entry (Security Cabin)			60.2	56.4
3.	Material Store Side			61.3	57.1
4.	Dispatch Side Area			61.9	56.5

Annexure – 14 ETP Energy Meter



[Handwritten signature]

Factory Manager

Mr. Ajay Phadke