

VL/MOEF/006/2023-019

November 27, 2023

The Director
I.A. Division
Ministry of Environment, Forest & Climate Change
Indira Paryavaran Bhawan
Jor Bagh Road
New Delhi-110003

Sub.: Submission of Half Yearly Compliance Report and Environment Quality data of Smelter & CPP of Vedanta Limited, Jharsuguda for the period from April 2023 to September 2023

Ref.: 1. Environment Clearance letter No. J-11011/144/2006-IA.II (I) dated 07.03.2007
2. Environment Clearance letter No. J-13011/10/2006-IA.II (T) dated 14.03.2007
3. Environment Clearance letter No. J-11011/29/2007-IA.II (I) dated 11.06.2008
4. Environment Clearance letter No. J-11011/29/2007-IA.II (I) dated 05.05.2022

Dear Sir,

This has reference to the above subject and cited references. As per the provision of Environment Clearance and EIA notification 2006, we are herewith submitting the half yearly compliance status for conditions in the Environment Clearance for 2.5 LTPA Aluminium Smelter, Captive Power Plant 675 MW, expansion of Aluminium Smelter (2.5 to 16 LTPA) and Captive Power Plant (675 MW to 1350 MW), Aluminium Smelter 18 LTPA (16 to 18 LTPA) and Captive Power Plant at Parivesh Portal along with supporting documents .

Thanking you,
Yours faithfully,
For Vedanta Limited


Dr. Amit Kumar Tyagi
Head- Environment

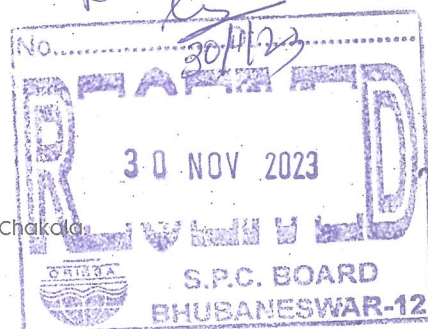
Copies to:

1. The Additional Director, Ministry of Environment, Forests & Climate Change, Regional Office, Odisha, Bhubaneswar
2. The Member Secretary, State Pollution Control Board, Odisha, Bhubaneswar

VEDANTA LIMITED, JHARSUGUDA

Vill : Bhurkamunda, P. O. : Kalimandir, Dist. : Jharsuguda (Odisha) : 768202
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REGISTERED OFFICE: Vedanta Limited, 1st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakola, Andheri (East), Mumbai 400093, Maharashtra, India.
CIN: L13209MH1965PLC291394



Your application has been Submitted with following details

Proposal No	J-11011/144/2006-IA-II (I)
Compliance ID	21816250
Compliance Number(For Tracking)	EC/M/COMPLIANCE/21816250/2023
Reporting Year	2023
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	01-12-2023
IRO Name	ARTATRANA MISHRA
IRO Email	jhk109@ifs.nic.in
State	ODISHA
IRO Office Address	Budgam
Note:- SMS and E-Mail has been sent to ARTATRANA MISHRA, ODISHA with Notification to Project Proponent.	



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Proposal Details

Proposal No	J-11011/144/2006-IA-II (I)	Category	Industrial Projects - 1		
Proposal Name	Alumina Smelter Plant (2,50,000 TPA) at Village Bhurkamunda/Brundamal, District Jharsuguda, Orissa by M/s Vedanta Alumina Ltd.				
Plot / Survey/ Khasra No.		Village(s)		Sub-District(s)	
State	ODISHA	District	JHARSUGUDA		
MoEF File No	J-11011/144/2006-IA-II (I)	Name of the Entity/ Corporate Office	Vedanta Limited, Aluminium and Power	Entity's PAN	NA
Entity Name as per PAN	NA	Entity details mentioned above is correct ?	Agree		

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year 2023 **Reporting Period** 01 Dec(01 Apr - 30 Sep)

Remark(if any)

Details of Production and Project Area

Date of Commencement of Project/Activity 21-08-2008

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

PRODUCTION CAPACITY

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Aluminium Metal	Tons per Annum (TPA)	1800000	1800000	4695	31-03-2024	1720728 T

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from various process units shall confirm to the standards prescribed by the concerned authorities from time to time. The OSPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emissions level shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. The particulate emissions from the bake oven plant shall not exceed 50 mg/ NM3.	PPs Submission	The gaseous emissions from various process units are confirming to the prescribed standards. The particulate matter emission from Bake Oven ranges between 3.9 to 5.3 mg/Nm3. In case of failure of any of the pollution control system of any unit, the respective unit will be started only after the control measures are rectified and achieve the desired efficiency. Analysis report enclosed for the period of Apr'23 to Sep'23 as Annexure-1 Complied Attachment: Click to View
2	AIR QUALITY MONITORING AND PRESERVATION	Particulate fluoride emissions shall not be more than 0.65 mg/ NM3 and fugitive particulate	PPs Submission	The particulate fluoride emission ranges between 0.032 to 0.070 mg/NM3 and fugitive particulate fluoride emissions ranges between 0.74 to 1.7 mg/NM3 respectively. Analysis report enclosed for the

		fluoride emissions from pot room shall not be more than 1.85 mg/ NM3.		period of Apr?23 to Sep?23 as Annexure-1. Complied Attachment: Click to View
3	AIR QUALITY MONITORING AND PRESERVATION	In-plant, control measures for checking fugitive emissions from spillage /raw materials handling shall be provided. Fugitive fluoride emissions from the pot room and in the forage around the smelter complex shall be monitored and data submitted regularly to the Ministry?s Regional Office at Bhubaneswar and OSPCB. Further dry scrubbing system to control the emissions from the pot lines shall be provided. Total fluoride emissions shall not exceed 0.8 kg/ton of Aluminium produced. Further, the pot emissions through fume treatment plant shall not exceed 0.30 kg/ ton of Aluminium produced.	PPs Submission	We have provided dry scrubbing system and State of the art gas collection and handling system to extract the gaseous emissions generated in the process of aluminium smelting and baking of anodes to maintain the total fluoride emissions below the stipulated standards of 0.8 kg/T of aluminium produced. Fugitive fluoride emissions from the pot room and forage fluoride in the surrounding villages are being monitored regularly. The fluoride emissions through the fume treatment plants is being maintained below <0.3 Kg/T in case of pot rooms and <0.1 Kg/T in case of bake oven. The monitoring report is being submitted regularly to the Ministry?s Regional Office and OSPCB. Analysis report enclosed for the period of Apr?23 to Sep?23 as Annexure-1. Complied Attachment: Click to View
4	AIR QUALITY MONITORING AND PRESERVATION	The company shall install bag-filters, dry scrubbing system, dust suppression system to control the emissions from all melting and casting units.	PPs Submission	The furnace provided in the cast house for melting and holding of metal are electrically operated and no fuel burning is done. Emission from the cast house furnace is routed through a forced suction duct. Proper ventilation has been ensured in the cast house.

		The emissions shall conform to the standards prescribed by the ministry /CPCB /SPCB whichever is more stringent.		Complied Attachment: NA
5	AIR QUALITY MONITORING AND PRESERVATION	The poly-aromatic hydrocarbons (PAH) from the carbon plant (anode bake oven) shall not exceed 2 mg/Nm ³ . The data on PAH shall be monitored quarterly and report submitted regularly to the Ministry, it's Regional Office at Bhubaneswar and OSPCB.	PPs Submission	PAH is being monitored in the stack of Bake Oven and is found in the range of 0.16 to 0.26 mg/Nm ³ . The same is monitored regularly and the report is submitted quarterly to the Regional office of the Ministry and monthly to the OSPCB. Analysis report enclosed for the period of Apr'23 to Sep'23 as Annexure-1. Complied Attachment: Click to View
6	Corporate Environmental Responsibility	Fluoride consumption shall be less than 10 kg/ton of Aluminium produced as specified in the CREP guidelines.	PPs Submission	We are maintaining Fluoride consumption less than 10 kg/ton of Aluminum produced and from April'23 till Sep'23, Fluoride consumption is 9.56 Kg/T Al. Moreover, efforts have been made to bring down Fluoride consumption limit like revamping of FTP, procurement of low soda alumina & Digital AI based Modelling of Sp. Fluoride. Complied Attachment: NA
7	WASTE MANAGEMENT	The spent pot lining generated from the smelter shall be properly treated by setting up of spent pot lining treatment plant to remove fluoride and cyanide and disposal off in secured landfill. The location and design of the landfill site shall be	PPs Submission	? The SPL generated from our smelter is being sent to OSPCB authorized agency M/s Green Energy Resources located at Sambalpur for detoxification which in turn is sending the detoxified material for further utilization in various industries including cement and steel. The refractory portion is being stored under covered shed till an approved disposal mechanism is in place. ? The secured landfill has been constructed including leachate collection system and collection of surface run off around the SLF to a common sump from where it is taken to the ETP for treatment. ? We are not disposing hazardous waste in the captive SLF and details are

		<p>approved by the OSPCB as per Hazardous Wastes (Management and Handling) Rules, 2003. Leachate collection facilities shall be provided to the secured landfill facility (SLF). The dross shall be recycled in the cast house. Fly ash and bottom ash shall be disposed off in concentrate form to the ash pond shall be provided to the cement/brick manufacturing unit. STP sludge shall be utilized as manure for green belt development. All the used oil and batteries should be sold to the authorized recyclers/ re-processors.</p>		<p>monthly submitted to OSPCB office for the same. ? The dross generated is either being internally processed for metal recovery or being sold to authorized re-processors. ? Currently Fly ash is being utilized in various avenues such as cement and brick manufacturing, road and infrastructure development, reclamation of low- lying areas, quarry back filling etc. and the balance is being sent to ash ponds through High Concentrated slurry disposal pipelines. We are in the process of exploring alternate options/avenues for fly ash utilization. ? STP sludge is composted and used for green belt/ green cover. ? Used batteries and Used oil are being stored in designated sheds and is disposed to authorized recyclers/ re-processors. Annual Return (Form 4) of FY 22 and FY 23 are enclosed as Annexure-2.</p> <p>Complied</p> <p>Attachment: Click to View</p>	
8	WATER QUALITY MONITORING AND PRESERVATION	Regular groundwater monitoring shall be carried out by installing Piezometers all around the secured land fill site in consultation with the OSPCB / SGWB /CGWB and data submitted to the Ministry's Regional Office and OSPCB.	PPs Submission	<p>Piezometers have been installed and the ground water monitoring around the SLF area is being done as per the CPCB guidelines and the same is being reported to SPCB and Regional Office of the Ministry. Analysis report enclosed for the period of Apr'23 to Sep'23 as Annexure 1.</p> <p>Complied</p> <p>Attachment: Click to View</p>	
9	Statutory compliance	The total water requirement from Hirakud Reservoir shall not exceed 6,240m3/day as per the permission	PPs Submission	<p>We have a valid water agreement with Govt of Odisha Water Resource department, Burla for withdrawal of 40.9 cusec water from Hirakud reservoir for our Aluminium Smelter and CPP. From April 23 to September 23, the water consumption in Smelter 1 is in the range</p>	

accorded by the State Govt. Reverse Osmosis plant shall be installed to treat effluent from cooling tower blow down and recycle to raw water reservoir for further utilization for fire protection, dust suppression, gardening etc. ETP and RO permeate will be recycled back. The rejects from the RO plant shall be disposed off in the HDPE lined secured landfill (SLF) within smelter premises. Domestic effluent shall be treated in Sewage treatment Plant (STP). No effluent shall be discharged during the non-monsoon period and shall be discharged during monsoon period, only after proper treatment and meeting the norms of the OSPCB/CPCB.

of 280 to 320 m3/day. We have implemented various Water conservation measures in our plant to reduce the freshwater consumption. Effluent Treatment Plant along with Reverse Osmosis plant has been installed and the treated effluent is recycled in the process. The ETP Sludge has been sent to OSPCB approved TSDF for disposal. Domestic effluent is treated in the sewage treatment plant and treated water reused in the green belt development. No effluent is being discharged outside the plant premises. Copy of water withdrawal agreement is enclosed as Annexure-3.

Complied

Attachment: [Click to View](#)

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GREENBELT

Green belt of adequate width and density around the project site shall be developed in 117.5 ha (33%) out of total 355.47 ha. in consultation with the DFO as per the CPCB guidelines having density of 2000 trees/ ha.

PPs Submission

33% Green belt has been developed all along the plant periphery and plant area. Efforts have been made to cover three tier green belt all along the periphery. High potential local species has been planted to attenuate the pollutants as per the CPCB guidelines. Moreover, as a responsible corporate, we have taken up plantation activities in Jharsuguda district at various locations. More than 70,000 saplings have already been planted. Green belt photos are enclosed as Annexure 3a.

				Complied Attachment: Click to View
11	Human Health Environment	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	PPs Submission	Occupational Health Surveillance of the workers is being done on a regular basis and records are being maintained. Samples reports are enclosed as Annexure 4. Complied Attachment: Click to View
12	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop rainwater structures to harvest the runoff water for recharge of groundwater in consultation with the Central Ground Water Authority /Board.	PPs Submission	As per CGWA guidelines September 2020, the industries falling under hazardous category should not implement any recharge measures within the plant premises. Hence, we have carried out roof top rainwater harvesting facilities at our site to utilize the collected/harvested water. We have installed 7 nos. of roof top rainwater harvesting systems facilities with a total capacity of more than 10000 m3 of rainwater for reusing the same. Moreover, we have completed cleaning and restoration of more than 40 community ponds thereby augmenting the capacity for rainwater harvesting in the surrounding villages. Relevant photos are enclosed as Annexure 5. Complied Attachment: Click to View

13	Human Health Environment	Rehabilitation and Resettlement Plan prepared and submitted to the state Govt. shall be implemented as per the R & R Policy of the State Government. All the recommendations mentioned in the R & R Plan shall be strictly followed including suitable employment and other facilities to all the oustees.	PPs Submission	The R & R package has been finalized based on the R & R Policy of Odisha incorporating the local additional requirement discussed in the RPDAC meeting chaired by the Revenue Divisional Commissioner and attended by the District Collector and representatives of the affected villagers. The District Collector/District Magistrate and the Administration is overseeing to ensure strict compliance of the commitment. Status Report enclosed as Annexure-6. Complied Attachment: Click to View
14	Statutory compliance	The environmental clearance for the 675 MW captive power plant (5 X 135) from the Ministry shall be obtained before initiating construction work and operation of the proposed smelter plant.	PPs Submission	We have received the Environmental Clearance for the 675 MW CPP vide letter no J-13011/10/2006-IA.II (T) dated 14th March, 2007. Complied Attachment: NA
15	Corporate Environmental Responsibility	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Aluminium sector shall be strictly implemented.	PPs Submission	All recommendations as per CREP for Aluminium sector are being implemented and compliance status report is enclosed as Annexure-7. Complied Attachment: Click to View

16	Statutory compliance	Bauxite ore shall be obtained only from those mines, which have been accorded environmental clearance by the Ministry of Environment and Forests.	PPs Submission	We are not procuring any bauxite ore as alumina is the main raw material for aluminum smelting. Alumina sourced within India is from refineries that have been granted Environment Clearance by MoEF&CC. Complied Attachment: NA
17	Statutory compliance	Seven reserve forests are located around the project site. While transporting bauxite ore from captive /indigenous /import sources, prior permission from the State Forest Department shall be obtained due to likely impact of transport of ore to the smelter site on the reserve forests and wildlife.	PPs Submission	The Principal Chief Conservator of Forests, (Wildlife) and Chief Wildlife Warden, Odisha has approved the site-specific wildlife conservation plan on 30.04.2021 with a financial forecast of Rs. 610.894 lakhs to be spent for implementation by the Forest Department (Both Jharsuguda and Sambalpur Forest Division) for this plan. Accordingly, as per the demand raised by the Divisional Forest Officer, Jharsuguda, an amount of Rs. 530.904 lakhs have been deposited on 17.05.2021 towards implementation of the above-mentioned plan over a period of 10 years. The plan is under implementation by Forest Department. Moreover, the recommendations given in the wildlife management plan to be executed by Vedanta Ltd, have been completed except compliance of condition for providing the software for WL-Anukampa and its maintenance. We are continuously taking follow-up with the DFO office for the implementation status and way forward to comply the WL-Anukampa and its maintenance condition. Copy of the latest communication & implementation status are enclosed as Annexure 8. Complied Attachment: Click to View
18	Statutory compliance	Recommendations regarding mitigative measures suggested by the State Forest Department and Chief Wildlife Warden, Govt. of	PPs Submission	The Principal Chief Conservator of Forests, (Wildlife) and Chief Wildlife Warden, Odisha has approved the site-specific wildlife conservation plan on 30.04.2021 with a financial forecast of Rs. 610.894 lakhs to be spent for implementation by the Forest Department (Both Jharsuguda and Sambalpur Forest Division) for this plan. Accordingly, as per the demand raised by the Divisional Forest Officer, Jharsuguda, an amount of Rs. 530.904 lakhs have

		Orissa shall be strictly followed.		<p>been deposited on 17.05.2021 towards implementation of the above-mentioned plan over a period of 10 years. The plan is under implementation by Forest Department. Moreover, the recommendations given in the wildlife management plan to be executed by Vedanta Ltd, have been completed except compliance of condition for providing the software for WL-Anukampa and its maintenance. We are continuously taking follow-up with the DFO office for the implementation status and way forward to comply the WL-Anukampa and its maintenance condition. Copy of the latest communication & implementation status are enclosed as Annexure 8.</p> <p>Complied</p> <p>Attachment: Click to View</p>
19	Statutory compliance	The forest and Environment Department, Govt. of Odisha shall undertake the carrying capacity of the region at the expense of the Project Proponents by associating the Wildlife Institute of India, Dehradun having regard to all relevant aspects including the impact of existing plants on elephants and their movement.	PPs Submission	<p>We had approached Wildlife Institute of India, Dehradun to take up the study but they refused to undertake the study, the same was communicated to the Ministry. Based on the committee's recommendation the condition was amended to undertake the study through Centre for Ecological Sciences, Indian Institute of Science, Bangalore. The same was communicated to us vide letter No.J- 13011/3/2007-IA.II (T) dated 12th May 2008 and the compliance status of the condition is mentioned in the amended condition 3 (xi). The study has been completed and the report has been submitted to Director, Project Elephant, MoEF, CWLW & PCCF, Govt. of Odisha for necessary vetting. The conclusion of the study is detailed in Chapter 5, Pg.27 and reads as "We therefore do not recommend the establishment of any corridor through this virtually nonexistent (or non viable) habitat in the Sambalpur North Forest Division. We strongly recommend that the overall viability of the Sambalpur Elephant Reserve is strengthened in the Sambalpur South Forest Division." Report enclosed report as Annexure-9. The Principal Chief Conservator of Forests, (Wildlife) and Chief Wildlife Warden, Odisha has approved the site-specific wildlife conservation plan on 30.04.2021 with a financial forecast of Rs. 610.894 lakhs to be spent for implementation by the Forest Department (Both Jharsuguda and Sambalpur Forest Division) for this plan. Accordingly, as per the demand raised by the Divisional Forest Officer, Jharsuguda, an amount of Rs. 530.904 lakhs have been</p>

				<p>deposited on 17.05.2021 towards implementation of the above-mentioned plan over a period of 10 years. The plan is under implementation by Forest Department. Moreover, the recommendations given in the wildlife management plan to be executed by Vedanta Ltd, have been completed except compliance of condition for providing the software for WL-Anukampa and its maintenance. We are continuously taking follow-up with the DFO office for the implementation status and way forward to comply the WL-Anukampa and its maintenance condition. Copy of the latest communication & implementation status are enclosed as Annexure-8.</p> <p>Complied</p> <p>Attachment: Click to View</p>	
20	Statutory compliance	In case the Govt. of Orissa comes up with the proposed elephant reserve, the same may be informed to the Ministry for imposing additional safeguards, if any.	PPs Submission	<p>In case of any upcoming/proposed elephant reserve by Govt. of Odisha, the same will be intimated to the Ministry.</p> <p>Complied</p> <p>Attachment: NA</p>	
21	Statutory compliance	The Project Proponent should inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with State pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://enfor.nic.in This should be advertised within seven days from	PPs Submission	<p>Necessary advertisement with information as advised by the Ministry has been released in two local newspapers one in vernacular (Samaja, Sambalpur and one in English (Times of India,) Bhubaneswar.</p> <p>Complied</p> <p>Attachment: NA</p>	

		the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office.		
22	MISCELLANEOUS	Ministry of Environment and Forests shall regularly be informed about the source and quantity of bauxite ore produced from captive /indigenous /imported sources.	PPs Submission	We regularly inform about the source and quantity of Alumina procured from captive/ indigenous/ imported sources. The source and quantity of alumina procured during April 2023 to September 23 is as below: Domestic ? 9.7 Lakh MT Imported ? 6.97 Lakh MT Imported alumina sources are as follows: 1. Trafigura Pte Ltd. 2. Alcoa of Australia Limited, Australia 3. Vietnam Coal & Mineral Industries Hoding Corporation Limited (Viancomin), Vietnam 4. PT Well Harvest Winning Alumina Refinery, Indonesia Domestic alumina sources are as follows: 5. Utkal Alumina Refinery, Doraguda, Rayagada, India 6. NALCO Alumina Refinery, Damanjodi, Odisha Complied Attachment: NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Orissa State Pollution Control Board and the State Government.	PPs Submission	We are strictly adhering to the stipulations made by OSPCB. Complied Attachment: NA

2	Statutory compliance	No expansion or modification in the plant should be carried out without prior approval of the Ministry of Environment and Forests.	PPs Submission	No expansion or modernization will be undertaken without prior approval of the Ministry. Complied Attachment: NA
3	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater should be recycled in the plant as well as utilization for plantation purposes.	PPs Submission	Manual & Continuous Ambient air quality monitoring stations have been established as per the mathematical modelling carried out during the Environmental Impact Assessment study. All stations are qualified the criteria of, downwind, upwind and crosswind directions. Communication letter enclosed as Annexure 10. Monitoring data of ambient air quality and stack monitoring are regularly submitted to MOEF&CC, IRO MOEF&CC, OSPCB and six monthly reports are enclosed as Annexure 1. Complied Attachment: Click to View
4	WASTE MANAGEMENT	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from OSPCB must be obtained for collection, storage, treatment and disposal of hazardous wastes.	PPs Submission	We are strictly complying with the rules and regulations with regard to handling, collection, transport, treatment, storage and disposal of Hazardous waste in accordance with the Hazardous Wastes (Management and Handling) Rules, 2016 and are having a valid Hazardous waste authorization for the management of Hazardous wastes from OSPCB. Complied Attachment: NA
5	Noise Monitoring & Prevention	The overall noise levels in and around the plant area	PPs Submission	The overall noise levels are being maintained below the stipulated standards as per EPA Rules, 1989. The ambient noise levels

		<p>should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).</p>		<p>monitored are observed within 61.9 dB(A) to 74.8 dB(A) during daytime and 56.60 dB(A) to 69.50 dB(A) in night time. Monitoring report is enclosed as Annexure 1 for the period of Apr?23 to Sep?23. Complied Attachment: Click to View</p>	
6	Statutory compliance	<p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP / risk analysis and DMP report.</p>	PPs Submission	<p>All environmental protection measures and safeguards as recommended in the EIA/EMP/risk analysis and DMP are being implemented. Refer the implementation status report enclosed as Annexure -11. Complied Attachment: Click to View</p>	
7	Statutory compliance	<p>Rs. 193.46 Crores and Rs. 2.60 Crores have been earmarked toward the capital cost and Rs. 1.20 Crores towards the recurring the expenditure /annum for environmental protection measures. The fund so provided shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds</p>	PPs Submission	<p>We have earmarked capital cost towards installation of environmental control, monitoring systems and green belt development. Every year the budget is separately allocated for the O&M of pollution control, monitoring systems, Greenbelt development, which is not diverted for any other purpose. Refer the implementation status report enclosed as Annexure -11. Complied Attachment: Click to View</p>	

		so provided shall not be diverted for any other purposes.		
8	Statutory compliance	The Regional office of this Ministry at Bhubaneswar / Central Pollution Control Board /OSPCB will monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation should be submitted to them regularly.	PPs Submission	We are uploading half yearly compliance report along with monitoring data and supporting annexures in the MOEF&CC Parivesh Portal and uploaded on our website and link of the same is as below. Link: https://vedantaaluminium.com/sustainability/compliance-report-jharsuguda/ Complied Attachment: NA
9	Statutory compliance	The Project Authorities should inform the Regional Office as well as ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	PPs Submission	The project of 2.5 LTPA Aluminum Smelter was approved by MOEF&CC vide EC letter no J-11011/144/2006-IA-II (I) dated 07.03.2007 and OSPCB Consent to Establish (CTE) vide letter no 8064/IND-II-NOC-3633 dated 31.03.2006 and OSPCB Consent to Operate (CTO) vide letter no 11371/IND-CON-6079 dated 08.05.2008. Complied Attachment: NA

10	AIR QUALITY MONITORING AND PRESERVATION	Adequate number of ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the OSPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional office at Bhubaneswar and Orissa State Pollution Control Board once in six months.	PPs Submission	Manual & Continuous Ambient air quality monitoring stations have been established as per the mathematical modelling carried out during the Environmental Impact Assessment study. All stations are qualified the criteria of, downwind, upwind and crosswind directions. Communication letter enclosed as Annexure 10. Monitoring data of ambient air quality and stack monitoring are regularly submitted to MOEF&CC, IRO MOEF&CC, OSPCB and six monthly reports are enclosed as Annexure 1. Complied Attachment: Click to View
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Document Upload

Last Site Visit Report (if available) NA

Last Site Visit Report Date (if available) 11-09-2023

Additional Attachment (if any) NA

Additional Remarks (if any) IRO Bhubaneswar visited our plant dated 11.09.2023

- ☒ I '[Vedanta Limited, Aluminium and Power](#)' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From IRO

Cover Letter From NA
IRO

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