



Letter No: AAP/E&S/EC/2025/ 1365

Date: 10/11/2025

To,
The Director
Ministry of Environment, Forest & Climate Change
Integrated Regional Office
A/3, Chandrashekharapur
Bhubaneswar – 750 023 (Odisha)

Sub: Submission of Six-Monthly Compliance from April-2025 to September-2025

Ref: Environmental Clearance Letter No: J-11011/136/2009-IA-I(I) dated 07.06.2025 and EC amendment letter dated 14.08.2025.

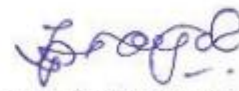
Dear Sir,

As a part of the compliance to the Environmental Clearance accorded by MoEF&CC to Aditya Aluminium for Aluminium Smelter from 3.8 LTPA to 6.8 LTPA [by addition of 1 LTPA (Recycled metal) & installation of 2 LTPA (Renewable Energy Based 180 Pots)] and Captive Power Plant from 900 MW to 1230 MW [by addition of 180 MW Combined Cycle Power Plant (Gas/ Oil fired) & 150 MW CPP (Coal fired) for Emergency Backup] within the existing plant premises. Please find enclosed herewith the six-monthly compliance report of aluminium smelter and captive power plant for the period April-2025 to September-2025.

Kindly acknowledge receipt of the reports.

Thanking You

Yours faithfully
For Aditya Aluminium


Jagannath Prasad Nayak
President & Unit Head

Copy for kind information to:

1. The Member Secretary, SPCB, Bhubaneswar
2. The Regional Director, Zonal office of CPCB, Kolkata
3. The Regional Officer, SPCB, Sambalpur

Hindalco Industries Limited

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Aditya Aluminium: Six Monthly EC Compliance from April 2025– September 2025

Name of the Project	:	EC for Aluminium Smelter from 3.8 LTPA to 6.8 LTPA [by addition of 1 LTPA (Recycled metal) & installation of 2 LTPA (Renewable Energy Based 180 Pots)] and CPP from 900MW to 1230MW [by addition of 180MW Combine Cycle Power Plant (Gas/Oil fired) & 150MW CPP (Coal fired) for Emergency Backup] within the existing plant premises at Villages: Lapanga, Bomaloj, Derba, Khadiapali, Tileimal and Dharopani Tehsil: Rengali District: Sambalpur (Odisha) by Aditya Aluminium (A Unit of M/s. Hindalco Industries Ltd.)
Environment Clearance Letter No and date	:	Environmental Clearance letter no. J-11011/136/2009-IA-I(I) dated 07.06.2025 and EC amendment letter dated 14.08.2025.
Period of Compliance Report	:	April 2025 to September 2025

1. Specific

Sr. No.	EC Conditions	Compliance Status
1.1	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	We have noted and accepted.
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	We have noted and accepted. The project is under implementation, and the civil construction work is under progress. The Photographs of construction activities is enclosed as Annexure-1 .
1.3	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	We have implemented following measures for Continuous improvement in energy efficiency to reduce the carbon emissions- • Conversion of Smelter pots from steel insert to copper inserts. • Period over hauling of Steam Turbine to keep the Turbine heat rate intact and above the benchmarks. • Utilisation of Energy management system and Data analytics for specific energy consumption reduction. • Use of energy efficient pumps/motors and Variable Frequency drive etc. • Enhancing the use of Renewable power in a phased manner. Use of RTC (round the clock) renewable power with pumped storage is the plan. Currently we are having 30 MWe solar power plant generating 35 ~38 MUs of energy which is fed to smelter for Low carbon aluminium manufacturing.

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		- Aditya Aluminium has been progressively replacing old air-conditioning systems with energy-efficient, non-ODS equipment in line with the Ozone Depleting Substances - Aditya Aluminium has completed the conversion of its anode baking furnace fuel from HFO to Natural Gas. - The actions would include co-firing of biomass in boilers and using alternate fuel. - Aditya Aluminium plant has introduced electric vehicles (EV bulkers) for transport of fly ash to the cement industry, and two EV re-charging stations have been set up. Carbon offsetting initiatives (Afforestation and Reforestation): Greenbelt development and plantation activities carried out in 446 Ha of land having around 9,68,230 lakhs no of trees with 90 survival rates. Under offsite Afforestation -20,000 nos tree planted in area of 27 acres. - The proposed Smelter Expansion project is based on RE-RTC and the technologies being implemented considering energy efficiency.
1.4	Bomaloi (Adjacent to plant site in South), Tileimal (0.3 km, SE), Sadhapali (0.3 km, E), Khadiapali (0.3 km, WNW), Derba (0.6 km, NE) along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimize the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.	Environmental Protection Measures are being undertaken to minimize the impact on the local habitation. Aditya Aluminium has developed >33% Greenbelt over an area of 446 Hectares inside the plant, ash pond area and township areas. Around 9,68,230 number of saplings planted till Sep-25. Further Green belt development will be increased by enhancing the tree density by filling gaps. In FY 2025-26 total 80,000 nos trees were planted in existing green belt area to enhance the tree density. Besides, under offsite Afforestation programme/green credit scheme, we have planted around 20,000 nos tree outside the boundary over an area of 27 acres near rengali. Environmental monitoring is being carried out at nearby areas as per the Environmental monitoring programme and report is being submitted to MoEFCC along with the Six-monthly EC compliance.
1.5	The project site is in proximity to several water bodies, including a seasonal nallah originating from the plant area near the solar plant in the southwest direction from the main plant site. Another seasonal nallah passes through the raw water reservoir area, located near the western boundary of the project. Additionally, Matwali	The existing plant is Zero Liquid Discharge. The unit has implemented integrated wastewater treatment including Double Stage Reverse Osmosis based effluent treatment plant (ETP) of 300 m3/hr capacity & 200 KLD MVR based ZLD system and 450 KLD capacity ETP in FRP plant. therefore, no effluent water is being discharged to outside without treatment from Smelter.

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	Nala flows near the raw water reservoir, along the northeastern boundary of the project. PP shall undertake appropriate measures in consultation with the Water Resource Department for mitigating any adverse impact on these water bodies. A robust and foolproof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	The domestic effluent from canteen, offices within the core plant area is being treated in the sewage treatment plant (STP) of 25 Cum/hr capacity and the domestic sewage from township is being treated in STP inside the township area of 300 KLD capacities. 50 KLD STP installed in FRP plant. The water treated is being used for gardening purposes. The run-off water from the smelter area are being drained to a storm water pond of 65,000 cum capacity and the total water is being treated in the double stage RO based ETP. Surface run-off in rainy season will meet to the prescribed standard of the Board. One twin settling tank followed by a holding pond (lagoon) with a capacity of 45000 m3 established near the coal handling area of CPP for surface runoff treatment. In addition to that, we have installed one tube settler of 50 m3/hr for treatment of runoff water near the CHP settling tank.
1.6	The existing water requirement is 35750 m3/day, which is obtained from Hirakud Reservoir. The water requirement for the expansion project is estimated as 22048 m3 per day which will be fulfilled from existing CPP raw water reservoir of Aditya Aluminium. No additional permission for water withdrawal will be required for the proposed installation. PP shall obtain necessary permission from the Competent Authority.	The existing water requirement is 35750 m3/day, which is obtained from Hirakud Reservoir. The Proposed project is under implementation, and the civil construction work is under progress. The water consumption of project activities is being monitored through installation of water meter.
1.7	Three tier Green Belt shall be developed and maintained in at least 33% of the project area, as committed, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	Aditya Aluminium has developed a greenbelt covering more than 33% of the total area, amounting to approximately 446 hectares across the plant, ash pond, and township areas. As of September 2025, around 9,68,230 nos. of saplings have been planted. The density will be further increased to 2500 trees per hectare by planting 223000 saplings (as gap filling within the existing greenbelt area) by FY 2028. Miyawaki method of plantation has been adopted for dense afforestation inside plant premises. Drip irrigation system implemented for regular watering and ensuring survival rate over 90%. A report on Green Belt development is enclosed as Annexure-2
1.8	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case	Aditya Aluminium has developed a greenbelt covering more than 33% of the total area, amounting to approximately 446 hectares across the plant, ash pond,

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	may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on Meri LIFE portal at (https://merilife.nic.in)	and township areas. As of September 2025, around 9,68,230 nos. of saplings have been planted. As a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign is being carried out and the details of the same shall be uploaded on Meri LIFE portal at (https://merilife.nic.in).
1.9	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs.127.74 Crores shall be strictly implemented. The action plan shall also cover activities related to (i) promotion of environmental education and awareness, and (ii) sub-plan to address the vulnerable sections (such as the elderly, children, pregnant women, persons with disabilities, and the terminally ill). An institutional mechanism shall be developed for monitoring the implementation of the commitments made, which shall also manage and address public grievances. The progress of implementation of PH Action plan and grievance redressal shall be submitted regularly to the Regional Office of MoEF&CC.	The action plan based on the social impact assessment study of the project has been prepared and execution ordering work is under progress inline with the plan submitted with EMP. The details of Socio-Economic development activities undertaken is attached as Annexure-3 .
1.10	The project proponent shall undertake village adoption programme, as committed, and prepare and implement the action plan to develop them into a model village, in consultation with the State Administration.	The action plan based on the social impact assessment study of the project has been prepared and execution ordering work is under progress inline with the plan submitted with EMP.
1.11	PP shall implement the skill development programs proposed under Socio economic development Action plan, in alignment with relevant Government initiatives/ programmes (like Mission LIFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. A detailed action plan and monitoring mechanism (covering target beneficiaries, training modules, and expected outcomes) be prepared for the above. Periodic progress reports shall be maintained and submitted to RO MoEFCC.	We have already established a skill centre in the name of Aditya Birla Skill Centre at Sambalpur, which manages various skill development programs.

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1.12	PP shall Install CO sensors with alarms at strategic locations in the Plant.	CO analyzers have been installed in the existing CPP stacks and Online CAAQMS installed in 4 locations at plant premises.
1.13	PP shall implement cleaner production and waste minimization measures, and initiate coordinated action on activities of environmental awareness, education and conservation (covering plantation, solar energy, water harvesting, waste management, green skills etc.) through a dedicated institutional mechanism. The actions shall be monitored reported to RO MoEFCC on regular basis through the self-compliance reporting mechanism.	We have initiated actions toward implementing cleaner production and waste minimization measures. As part of our environmental awareness initiatives, we are sensitizing employees, workmen, and nearby communities through monthly theme-based celebrations on topics such as Waste Management, Circular Economy, Water Conservation, Rainwater Harvesting, Single-Use Plastic Reduction, Biodiversity, and Wildlife Conservation. In addition, various environmental days—such as World Environment Day, World Water Day, World Ozone Day, and World Earth Day—are being observed to promote awareness and sustainable practices.
1.14	The project shall be implemented in accordance with the revised Environmental Clearance (EC) conditions, as amended and detailed in the relevant portion of the project's proposal and justification log submitted by the project proponent. The other observations made in the certified compliance report of the Regional Office, the Action Taken Report (ATR), and the letter from the Compliance & Monitoring Division (CMD) of MoEF&CC, shall be strictly complied with by the project proponent.	We are complying with the conditions mentioned in ATR and letter received from the Compliance & Monitoring Division (CMD) of MoEF&CC.
1.15	PP shall aim at 100% waste utilization under circular economy. This shall be in addition to the mandatory stipulations prescribed by CPCB guidelines for handling, storage and management of Aluminium smelter facilities/ processing. It may be ensured that the detailed plan may be aligned to the framework prescribed by CPCB/ SPCB, including ongoing waste utilization research studies.	Majority of the wastes generated from the smelter plant is being Reuse, Recycled and reprocessed in plant process and through disposing to Authorized recyclers. With a strategic collaboration with cement units and Reprocessing plants we are developing a self-sufficient circular economy with this waste to wealth approach. This can significantly reduce costs for cement units, conserve natural resources by replacement of raw materials with hazardous waste and contribute towards creating positive environmental and social impact. - Aluminium Dross is being re-processed in the dross processing unit Aluminium metal is recovered and partly being sell out to authorized recyclers for recycling, and residue generated is send to actual users for recuse/recycling. - Butt generated is completely recycled and pre-processed used anode butt received from Hirakud Smelter is also reused in green anode making. - The carbon part of spent pot lining is disposed to actual users i.e. M/s Regrow Tanso Pvt. Ltd. Jharsuguda and SPL mixed fines to cement plant for coprocessing in cement kiln and silicon carbide to authorized recyclers.

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		ETP sludge is being disposed to Cement Plant for Coprocessing in Cement kiln. The proposed expansion project aims to incorporate best practices for waste management, promote circular economy principles, and ensure compliance with regulatory requirements. It also Ensure compliance with CPCB/SPCB regulations, promote sustainable waste management practices, enhance resource recovery and minimize landfill usage and support ongoing research and development in waste utilization technologies.
1.16	PP shall undertake any tree felling/ translocation activity in consultation with the State Forest Department and obtain any permission, if applicable.	The transplantation of trees has been successfully carried out in accordance with the Standard Operating Procedure (SoP) approved by the Government of Odisha. An intimation letter regarding the tree translocation has been submitted to the Divisional Forest Officer (DFO), Sambalpur.
1.17	The CCPP shall be designed for dual fuel capability (Natural Gas/Low Sulphur Fuel Oil) with low NOX burners and dry low-emission technology. Stack emissions shall conform to CPCB norms for gas-based plants.	We have noted and accepted.
1.18	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. PP shall comply with the CPCB guidelines for handling, utilization and disposal of fly ash, including unutilized ash. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. Low Lying area filling with Fly ash shall be done accordance to the guidelines prepared by the Central Pollution Control Board (CPCB) for the disposal of fly ash in reclamation of low-lying areas and stowing/ backfilling of abandoned mines/ quarries.	Fly ash & bottom ash are collected in dry form and 3x2500 MT Fly ash silo and 1x3000 MT bottom ash silo have been installed. We are exploring maximum utilization of Ash and unutilized ash is being discharged to the Ash Pond through High Concentration Slurry Disposal (HCSD) system, which is the most environment friendly conveying system at present. Monitoring of Mercury and other heavy metals (Ag, Hg, Cr, Pb etc) is being done for the fly ash and bottom ash and report being submitted to MoEFCC along with EC compliance. The ash generated from the captive power plant is primarily supplied to cement plants and fly ash brick manufacturers. Bottom ash is being utilized for filling low-lying areas inside the plant premises. The low-lying area filling and development activity is being carried out with prior approval of the State Pollution Control Board (SPCB), Odisha & abide by the CPCB guidelines. The fly ash filling in low-lying areas within the plant premises is being conducted in accordance with the CPCB guidelines for fly ash disposal, as outlined in their March 2019 publication, and with prior approvals from SPCB, Odisha (including Consent to Establish (CTE) and Consent to Operate (CTO).
1.19	Regular ground water monitoring shall be carried out by installing Piezometers all around the secured landfill site, if any, in consultation with	Secured landfill (SLF) has not yet been established inside the plant. Therefore, ground water quality monitoring shall be carried out after the establishment of the SLF.

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	SPCB and data be submitted to the Ministry's Regional Office and SPCB.	
1.20	The company shall develop rainwater structures to harvest the runoff water for recharge of ground water in consultation with the Central Ground Water Authority/Board or a reputed government institute specializing in rainwater harvesting.	We have conducted the Rainwater Harvesting Study for the project area through Andhra University, Visakhapatnam in December 2011. The rainwater harvesting scheme suggested in the report has been implemented in the township buildings, rainwater harvesting pond (70,000 cum capacity) has been developed inside the township area. The rainwater harvesting scheme has been submitted to CGWA for approval vide our letter no. AA/E&F/EC/2016/131, dated 09/04/2016 and AA/E&F/CGWA/2025/1212 dated 20/02/2025.
1.21	Anode butts generated from the pots shall be cleaned and recycled to the Anode Plant. The spent pot lining generated from the smelter shall be properly treated in spent pot lining treatment plant to remove fluoride and cyanide and dispose of in secured landfill / Shall be disposed off through actual users authorized by SPCBs/ Co-processing in Cement kilns authorized by SPCBs /Disposal in CHWTSDf, in line with the provisions of HOWM Rules, 2016 (as amended) and CPCB Guidelines. The location and design of the land fill site shall be approved by the SPCB as per the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008. Leachate collection facilities shall be provided to the secured land fill facilities (SLF). The dross shall be recycled in the cast house. STP sludge shall be utilized as manure for greenbelt development. All the used oil and batteries shall be sold to the authorized recyclers/ re-processors. As proposed, spent pot lining waste shall also be provided to cement and steel industries for further utilization. The project proponent shall develop in-house facilities for treatment of Spent Pot Lining (SPL) generated in the Aluminium smelter. Meanwhile, Refractory part may be sent to CHWTSDf as per the provisions of Hazardous and Other Waste Amendment Rules, 2016. The project proponent shall develop in-house facilities for the treatment of SPL in 2 to 3 years.	Anode butts generated from the pots is being cleaned and recycled completely for making green anode in the green anode plant. Spent Pot Lining (SPL) contains Carbon Part, Refractory Part and Silicon Carbide bricks. The Standard Operating Procedure (SOP) developed by Central Pollution Control Board (CPCB) for SPL requires detoxification before its end use applications. In accordance with the SOPs, the SPL Carbon part generated from Smelter is being sent to authorized recyclers, namely M/s Regrow Tanso Pvt Ltd, Jharsuguda, for detoxification and used for manufacturing of mineral fuel as a resource/energy recovery in cement plants, Steel and Ferrous alloy industries etc. SPL Silicon carbide bricks is being sent to authorized recyclers M/s Tekno Processors LLP, Sambalpur for processing and sold to authorized users for manufacturing of refractory brick in line with CPCB SOP for Preprocessor of Waste Silicon Carbide refractory bricks generated from pot lining wastes from Primary Aluminium Smelter. The disposal of SPL's refractory part to the CHW-TSDF facility of M/s Re-Sustainability Ltd, Jajpur district, Odisha, has commenced following a successful trial run, which was conducted in the presence of CPCB, SPCB, and other relevant authorities. A protocol was issued to M/s Re-Sustainability Ltd to ensure the safe disposal of SPL in the Secure Landfill area. M/s Re-Sustainability Ltd is handling the disposal of the refractory part in compliance with the terms and conditions specified in the protocol. The carbon part of spent pot lining is disposed to actual users i.e. M/s Regrow Tanso Pvt. Ltd. Jharsuguda, the refractory part to M/s. Re-Sustainability Ltd (CHW-TSDF, Jajpur). In this way 100% SPL is being detoxified and recycled/disposed with 71.42 MT of SPL remaining in stock at the end of Sep-25.

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		The location and design of the land fill site has been prepared as per the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and approved from SPCB. The Aluminium dross generated in the process is re-processed in the inhouse dross processing unit /partly supplied to authorized recyclers and the residue generated from dross processing unit is being sent to OSPCB authorized recyclers for Alum/synthetic slag making. STP is in operation at township & Plant area separately, the sludge generated is being used for gardening/greenbelt development. The used oil and batteries are being sold/ supplied to authorized recyclers/reprocessors only.
1.22	The project proponent shall conduct periodic soil health monitoring in and around the plant premises, including agricultural fields within a 5 km radius, to assess potential impacts from industrial operations. Soil samples shall be analyzed at least twice a year for parameters including pH, electrical conductivity, organic carbon, macronutrients (N, P, K), micronutrients (Zn, Fe, Mn, Cu), and heavy metals (As, F, Pb, Hg, Cd, Cr). The results shall be compiled and submitted to the State Pollution Control Board and Regional Office of MoEF&CC, and remedial measures shall be undertaken in case of any adverse trends.	All the precautionary measures have been adopted. Surrounding environment is being monitored on regular basis through an MOEFCC & NABL accredited laboratory for Soil and report is being submitted to the MOEFCC along with Six Monthly Compliance.
1.23	The cyanide content in SPL shall be monitored regularly, in line with CPCB guidelines for hazardous waste landfilling and co-processing. SPL with cyanide content above permissible limits shall be treated or detoxified prior to disposal. The project proponent shall explore co-processing of SPL in cement kilns or other approved thermal treatment facilities, and maintain records of SPL generation, testing, and final disposal.	The testing of cyanide content in SPL is being monitored. And the SPL is stored in well ventilated, concrete floor and covered shed inline with guidelines. Spent Pot Lining (SPL) contains Carbon Part, Refractory Part and Silicon Carbide bricks. The Standard Operating Procedure (SOP) developed by Central Pollution Control Board (CPCB) for SPL requires detoxification before its end use applications. In accordance with the SOPs, the SPL Carbon part generated from Smelter is being sent to authorized recyclers, namely M/s Regrow Tanso Pvt Ltd, Jharsuguda, for detoxification and used for manufacturing of mineral fuel as a resource/energy recovery in cement plants, Steel and Ferrous alloy industries etc. SPL Silicon carbide bricks is being sent to authorized recyclers M/s Tekno Processors LLP, Sambalpur for

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		processing and sold to authorized users for manufacturing of refractory brick in line with CPCB SOP for Preprocessor of Waste Silicon Carbide refractory bricks generated from pot lining wastes from Primary Aluminium Smelter. The mixed fines are sent to the cement plant for co-processing in the cement kiln. Further feasibility will be explored for the utilization of SPL in the cement kiln.
1.24	Necessary coordination shall be made with concerned SPCB (who is responsible for Compliance of OM dated 14-01-2025) regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE.	Full cooperation has been extended to the OSPCB officials during site inspection and SPCB has granted Environmental Safeguards for proposed project vide letter no. 15363/IND-II-CTE-7490 dated 14/08/2025.

1. Statutory Compliance

1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	We have noted and accepted.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	We have noted and accepted.

2. Air Quality Monitoring and Preservation

2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Installation of four (04) CAAQM Stations completed and commissioned. Data connectivity established with the servers of OSPCB and CPCB. Installation of the continuous stack emission monitoring system in all the major stacks of existing plant completed. All the CAAQMS & CEMS synchronized with the webserver of the SPCB & CPCB. Six-monthly compliance along with the monitoring data is being submitted to the concerned authorities regularly. The project is under implementation, and civil construction works are in progress. The installation of the Continuous Emission Monitoring System (CEMS) will be completed during implementation and prior to commissioning.
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion	Installation of four (04) Continuous Ambient Air Quality monitoring Stations completed and

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	parameters relevant to the main pollutants released (e.g. PM 10 and PM2.5 in reference to PM emission, and SO2 and NOX in reference to SO2 and NOX emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	commissioned. Data connectivity established with the servers of OSPCB and CPCB.
2.3	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Fugitive emissions monitoring is being carried out inside the plant premises on quarterly basis through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.4	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	We have noted and accepted. Will be provided in the expansion facilities.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	We have noted and accepted. Will be provided in the expansion facilities.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	We have noted and accepted. Will be provided in the expansion facilities.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Adequate numbers of Mechanical Road sweeping machines have been deployed for cleaning of roads and process areas. dedicated teams are deployed for housekeeping of offices, shopfloors, and other areas.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin	All raw materials, products and waste materials are transported through covered vehicles with a care to prohibit any spillage or leakages on the way.
2.9	The project proponent shall provide primary and secondary fume extraction system, as may be applicable for aluminium smelting operations.	We have noted and accepted. Will be provided in the expansion facilities.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	The smelter raw materials are stored inside shed/silos; hence wind shelter fence and chemical spraying are not envisaged. For Coal feasibility will be explored & will be implemented in a phase wise manner.
2.11	Design the ventilation system for adequate air changes as per prevailing norms, wherever required.	We have noted and accepted. Will be provided in the expansion facilities.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	Complied.
2.13	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers,	Electrostatic Precipitators (ESP) of adequate efficiency is installed in Captive Power Plant (CPP) to

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	fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.	restrict particulate emissions within 50 mg/Nm³. Two nos. of Gas Treatment Centre (GTC) provided and connected to each 180 pots. Besides, Bag filters are installed in all the material handling & transfer points in Smelter. Fume treatment centre (FTC) provided to each Anode Baking Furnaces to treat the tar fumes, dust, gaseous and particulate fluorides generated during Anode Baking. The project is under implementation and civil construction work is in progress. All above clean air practices has been considered for expansion project.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	Efficiency of bag filter system being monitored at regular intervals for existing plant. The project is under implementation and civil construction work is in progress. All above practices will be adopted during operation phase.
2.15	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.	Dust extraction systems (DE), Dry fog dust suppression (DFDS) & Rain gun water sprinkling systems are installed in coal handling plant and ash handling system of Captive Power Plant. The project is under implementation and civil construction work is in progress. All above practices will be adopted during operation phase.
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	The project is under implementation and civil construction work is in progress. Electrostatic Precipitators (ESP) of adequate efficiency will be installed in Captive Power Plant (CPP) to restrict particulate emissions within 30 mg/Nm³.
2.17	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	Following arrangements to control fugitive dust have been provided for existing plants. • Dust extraction systems (DE), Dry fog dust suppression (DFDS) & Rain gun water sprinkling systems are installed in coal handling plant and ash handling system of Captive Power Plant. • All raw materials, products and waste materials are transported through covered vehicles with a care to prohibit any spillage or leakages on the way. • 2 nos. wheel washing systems have been provided in CHP and Smelter area. • 1 nos Full body bulker washing system installed in Ash handling area. The project is under implementation and civil construction work is in progress. All above practices will be adopted during operation phase.

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3. Air Quality Monitoring and Preservation In Case of Aluminium Smelter / Aluminium Refinery

3.1	Adopt measures to recover fluoride gas from electrolytic cells and recycle the same in the process.	Dry scrubbing system has been provided as gas treatment centre (GTC) to each of the pots in the pot room to recover fluoride gas from electrolytic cells and recycle the same in the process. The project is under implementation and civil construction work is in progress. GTC is being considered in the expansion potline-2.
3.2	Practice use of low-Sulphur tars for baking anodes	We have noted and accepted.
3.3	The emissions of Tar and VOCs shall be controlled by utilising dry scrubbing, as may be applicable for aluminium smelting operations.	Fume treatment centre (FTC) provided to Anode Baking Furnaces to treat the tar fumes, dust, gaseous and particulate fluorides generated during Anode Baking. The project is under implementation and civil construction work is in progress. FTC is being considered in the ABF-3.
3.4	Make efforts to increase the life of pot lining through better construction and operating techniques.	We have noted and accepted.
3.5	Recycle alumina dust collected in Gas Cleaning Centre.	We have noted and accepted. Will be provided in the expansion facilities.
3.6	Design the pot roofs with louvers and roof ventilators	We have noted and accepted. Will be provided in the expansion facilities.
3.7	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.	Personal sampling is being carried out & well within the permissible limits as per Indian Factories Act, 1948.
3.8	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m ³ , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	The coal dust monitoring at coal unloading, crushing, furnace areas being carried out as per Indian Factories Act, 1948.

4. Water Quality Monitoring and Preservation

4.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Continuous effluent monitoring system installed for Existing plant as per the CPCB guidelines and connected to SPCB & CPCB server. Calibration being carried out through recognized lab/ NABL accredited laboratory. The Proposed project is under implementation, and the civil construction work is under progress. Continuous effluent monitoring system will be installed for proposed facility as per the CPCB guidelines and connected to SPCB & CPCB server.
4.2	The project proponent shall monitor regularly ground	Regular monitoring of ground water is being

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	water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	carried out through NABL accredited laboratories establishing a network of existing piezometer wells. The analysis report is enclosed as Annexure-4 .
4.3	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	All raw material stockpiles of the existing smelter plant are stored in covered sheds on concrete floors. Similarly, covered sheds will be developed for the proposed plant. No raw materials will be stored outside in open stockpiles; therefore, garland drains and collection pits are not envisaged. However, Surface runoff from smelter area will be collected in Guard Pond & will be treated in Effluent Treatment plant.
4.4	Water meters shall be provided at the inlet to all unit processes in the plants.	The existing facilities have already installed flowmeters at the inlet of all unit processes in the plants. And similar metering will be done in the expansion facilities.
4.5	The project proponent shall make efforts to minimize water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.	A separate water line for effluent and process water has been implemented in the existing plant. The effluent is being treated in a double-stage Reverse Osmosis (RO)-based Effluent Treatment Plant (ETP) of 300 m ³ /hr capacity along with a 200 KLD Mechanical Vapor Recompression (MVR) system and 450 KLD capacity ETP installed in FRP plant. The treated water is fully recycled back into the process to minimize overall water consumption.
4.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.	We are operating a Double Stage Reverse Osmosis based effluent treatment plant (ETP) of 300 m ³ /hr capacity & 200 KLD MVR system and therefore no effluent water is being discharged to outside without treatment from Smelter. The domestic effluent from canteen, offices within the core plant area is being treated in the sewage treatment plant (STP) of 25 Cum/hr capacity and the domestic sewage from township is being treated in STP inside the township area of 300 KLD capacities. The treated water is being used for gardening purposes.
4.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stockyards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	Garland drain around the coal storage area followed by twin settling tanks and a big settling lagoon for further settling of coal dust is being provided to retain the solids and prevent damage to the surrounding land and water bodies. 50 m ³ /Hr Capacity Tube settler installed in CHP for surface runoff treatment.
4.8	Rainwater harvesting shall be implemented to recharge/harvest water as per the action plan submitted	The rainwater harvesting structure have been implemented in the township buildings. all the

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	in the EIA/EMP report.	runoff water comes to the rainwater harvesting pond (70,000 cum capacity) has been developed for ground water recharge purpose inside the township area.
4.9	Air- or Water-Cooled Condensers may be used in the Captive Power Plant.	Water-cooled condensers have been installed for the existing units. The proposed plant is under implementation, and civil construction work is in progress. Water-cooled condensers shall also be installed for the expansion facility.

5. Noise Monitoring and Prevention

5.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	The ambient noise level is being monitored and is confirming to the Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof. The monitoring report is attached as Annexure-5 .
5.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	The ambient noise level is being monitored, and overall noise level is within the standard. The monitoring report is attached as Annexure-5 .
5.3	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act,1948.	Periodic Heat stress survey is being carried out and following necessary measures being taken care for work in high temperature work zone- • Schedule hot jobs for the cooler part of the day. • Monitor workers who are at risk of heat stress. • Provide rest periods with water breaks. • Providing the personal protective equipment as per norms. The overall noise levels in and around the plant area is within the prescribed standards and it is being made possible by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The overall noise level is within the standard, regular monitoring is being done. All necessary PPEs are provided to the workers and engineers working in the factory. All the Mandatory PPEs including earmuffs and masks in PPE kits are being provided to workers. Year wise details of the PPEs i.e. earmuffs and masks supplied to workers for the period of Apr-25 to Sep-25 are as given below- 1. Earmuff & Ear Plug- 6560 Nos. 2. Dust mask & Respirator-15382 Nos

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6. Energy Conservation Measures

6.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly;	30 MW solar power plant installed in plant premises. solar light system for common areas, streetlights, and parking around project area being implemented for existing plant. 100 MW RE power import has been started.
6.2	Provide LED lights in their offices and residential areas.	LED lights have been provided in offices and residential areas for existing plant and same will be implemented for expansion facilities.

7. Waste Management

7.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Used oil collected and sold to authorized recyclers.
7.2	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen waste generated from the existing facility being composted in Biocomposter and Energy Bin for const making and utilizing for plantation as manure. The proposed plant is under implementation, and civil construction works are in progress. Same practice shall be implemented for expansion facilities.
7.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	The ash generated from the existing captive power plant is primarily supplied to cement plants and Road construction. Bottom ash is being utilized for filling low-lying areas inside the plant premises & Road Construction. The low-lying area filling and development activity is being carried out with prior approval of the State Pollution Control Board (SPCB), Odisha following the guidelines. The proposed plant is under implementation, and civil works are in progress.
7.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be	Aditya Aluminium has banned Single-Use Plastic (SUP) items in compliance with the directives of the Central Pollution Control Board (CPCB). The plant has been declared a SUP-free zone, and a certificate to this effect has been issued by the Confederation of Indian Industry (CII). Regular awareness sessions are conducted within the plant premises and in nearby villages, in coordination with the CSR team. Details of these SUP awareness initiatives are attached Annexure-6 .

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	included in the six-monthly compliance report being submitted by the project proponents.	
7.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Electronic waste generated from the plant is being sold to authorized recyclers. The proposed plant is under implementation, and civil construction work is in progress. The e-waste generated from the expansion facilities will also be disposed of through authorized recyclers.

8. Green Belt

8.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	Complied.
8.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames.	Complied.
8.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Aditya Aluminium has developed >33% Greenbelt over an area of 446 Hectares inside the plant, ash pond area and township areas. Around 9,68,230 number of saplings planted till Sep-25 to arrest soil erosion and dust pollution from exposed soil surface.

9. Public Hearing and Human Health Issues

9.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency Preparedness plan based on HIRA and Disaster Management Plan is already implemented for existing plant facilities. The proposed expansion project is under implementation and civil work is in progress. Same will be implemented for expansion facilities.
9.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	Periodic Heat stress analysis is being carried out and following necessary measures being taken care for work in high temperature work zone- • Schedule hot jobs for the cooler part of the day. • Monitor workers who are at risk of heat stress. • Provide rest periods with water breaks. • Providing the personal protective equipment as per norms.

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9.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	All necessary infrastructure and facilities has been provided to the workers as per rules & guidelines.
9.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational Health Surveillance of the workers is being done as per the Odisha Factories Act. Periodical medical examinations for all employees are undertaken regularly. For the period of Apr-25 to Sep-25 the health surveillance statistics are as follows: - Periodic Medical Health surveillance for permanent employees- 1261 People. Periodic Medical Health surveillance for contractual employees-9011 People.

10. Environment Management

10.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	We received the Environmental Clearance (EC) letter No. J-11011/136/2009-IA-I(I) on 07.06.2025. The CER Action Plan has been prepared in accordance with the socio-economic study conducted by XIM University. The execution and implementation of community development activities are in progress, in consultation with the village panchayat and the District Administration.
10.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	The company has adopted a well-laid-down Corporate Environment Policy. The Environment policy has been revised and approved by the Board on 13 th February 2024. The copy of the revised environment policy is attached as Annexure-7
10.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	The unit has established a full-fledged environment monitoring laboratory and Environment & Sustainability Department with qualified personnel for monitoring of pollutants and effective remedial measures.

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10.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.	The performance evaluation of pollution control equipment for the existing plant has already been conducted through NIT Rourkela, Odisha. The expansion project is under implementation, and the civil construction work is under progress. Performance test shall be conducted for expansion pollution control systems after completion & commissioning of the project.
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11. Miscellaneous

11.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Publication has been made in 2 Daily Newspapers including "The New Indian Express" and "The Samaya" on 12.06.2025 (Copy attached as Annexure-8) also copy of EC is uploaded on company's website.
11.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	A copy of the clearance letter has already been communicated to all concerned as mentioned in the condition. A scanned copy of the letter is also displayed on our official website.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	The status of compliance to the EC conditions along with monitoring data is being uploaded into our Company website. (http://www.hindalco.com/sustainability/regulatory-compliances). Compliance status is being uploaded for existing plants on the company website and same is being complied for expansion from this compliance cycle.
11.4	The project proponent shall monitor the criteria pollutants level namely; PM 10, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Installation of four (04) CAAQM Stations completed and commissioned. Data connectivity established with the servers of OSPCB and CPCB. Installation of the continuous stack emission monitoring system in all the major stacks completed. All the CAAQMS & CEMS synchronized with the webserver of the SPCB & CPCB. And the data being digitally displayed at the main entrance gate of the plant for information to the public.
11.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	The internal and connecting roads for the plant have been already developed and regular maintenance being carried out for enhancing the life of connecting and internal roads.

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		However, in future if any new connecting road is proposed the design will be based on the study conducted during EIA report.
11.6	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	The status of compliance to the existing EC conditions is being submitted to the regional office of the MoEFCC regularly on 1 st June and 1 st Dec respectively with a copy to CPCB & OSPCB and. Further, we are also submitting the same is EC compliance reports through Parivesh Portal accordance to MoEFCC office memorandum dated-14th June 2022.
11.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	The environmental statement for each financial year ending 31st March in Form-V is being submitted to the concerned authorities of SPCB and MoEF&CC. The last environmental statement report has been submitted vide our letter no. AA/E&S/2025/1328, dated 13.09.2025.
11.8	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	We have noted and accepted.
11.9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	We have noted and accepted.
11.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	The site-specific wildlife Management/Conservation Plan has been approved by the Principal Chief Conservator of Forests (PCCF), Wildlife. For the implementation of the recommendations of the approved Wildlife Conservation Plan, a request letter has been submitted to the Divisional Forest Officers (DFO), Sambalpur and Jharsuguda Districts, for issuance of the Demand Note towards payment for the Site-Specific Wildlife Conservation Plan (SSWLCP). An amount equivalent to 5% of the approved SSWLCP cost, i.e., ₹46,91,610/-, has been deposited in the account of the society "The Wildlife Odisha" on 04/11/2025. Besides, Wildlife conservation awareness programme being conducted in coordination with Forest department.
11.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP	The status of compliance to the existing EC conditions including environment expenditure & PH compliance is being submitted to the regional office of the MOEFCC regularly on 1 st June and 1 st Dec respectively with a copy to CPCB & OSPCB and the same is being uploaded into the Company website.

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	shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECS and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.	(http://www.hindalco.com/sustainability/regulatory-compliances). The proposed expansion project is under implementation, and the civil construction work is under progress. CER action plan has been prepared, and execution is under progress.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	We have noted and accepted.
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	We have noted and accepted.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	We have noted and accepted.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	We have noted and accepted.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Full cooperation will be extended as and when required to the officers of Regional Office by furnishing the requisite data/information/monitoring reports.
11.17	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	We have noted and accepted.

Encl: As above



(Authorized Signatory)



Smelter Expansion Project Progress Report

Sl. No	Particulars	Project Status
1	Potline	- Area grading work is in progress (41% Completed) - Civil excavation work is in progress - PCC foundation concreting work Started
2	Green Anode Plant	Area grading completed and Site cleaning & excavation work is in progress
3	Anode Baking Furnace	Site cleaning and area grading completed
4	Anode Rodding Shop	- Site cleaning and area grading is in progress - Area fencing work is in progress
5	Captive Power Plant	- Area grading and site cleaning work is in progress - Area fencing works is in progress - Excavation for chimney work is in progress
6	Rectifier	Area readiness work is in progress
7	Alumina Silo	- Area fencing completed - Site cleaning work is in progress - Civil excavation work is in progress

Photographs of Project activities



CPP site



Anode Rodding site

Annexure-1



Pot Line site



ABF Site



GAP site

Annexure-2

Greenbelt Development Programme

Year	Area under greenbelt (Ha)	No. of plant Saplings	Location
As on Sep, 2025 >33% Green Belt developed	446 (Total plant area 1347.35 ha)	9,68,230 (Saplings planted)	Within the plant, township premises and Ash Pond area.





Miyawaki plantation done inside the plant premises



Greenbelt development inside the plant premises





Greenbelt development inside the plant premises



Greenbelt development in Aditya Township



Greenbelt development in Aditya Township



Greenbelt development in Aditya Township

CSR Half Yearly Report for FY 2025-26

ADITYA ALUMINIUM LAPANGA - HINDALCO INDUSTRY LIMITED

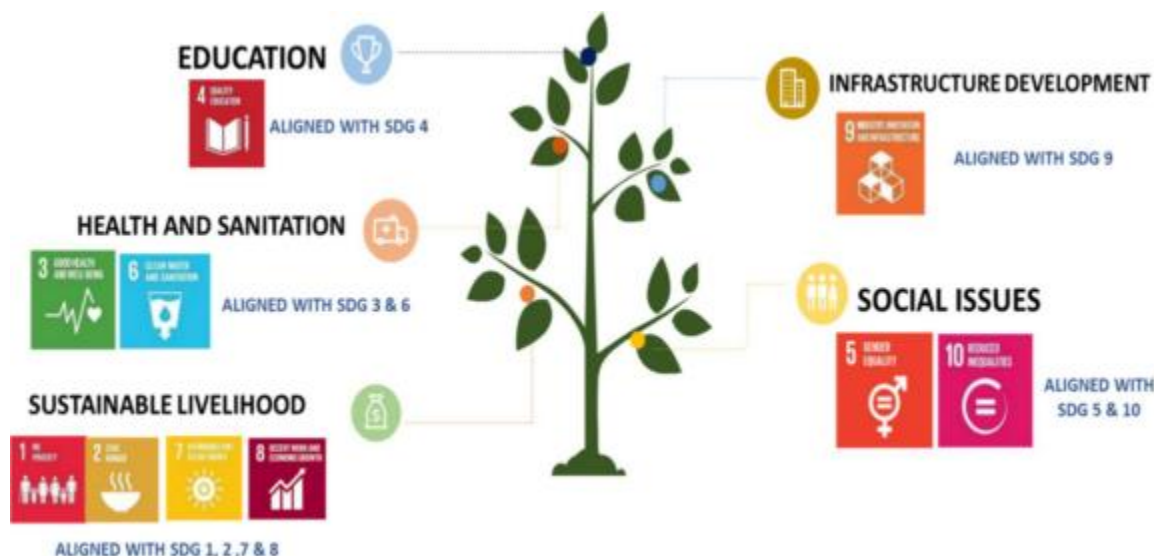


CSR Vision

“To actively contribute to the social and economic development of the communities in which we operate and beyond. In sync with the UN SDGs our endeavour is to lift the burden of poverty weighing down the underserved and foster inclusive growth. In doing so, build a better, sustainable way of life for the weaker, marginalized sections of society and enrich lives. Be a force for good.”

- Mrs. Rajashree Birla, Chairperson.

PRIME AREAS ALIGNED TO SDGS:



EDUCATION – Project ADHYAYAN

Pratibha Samman Program:

Reaffirming its commitment to education and community development, **Pratibha Samman**, a special felicitation program to honor outstanding academic achievers from six Gram Panchayats of Rengali Block, Sambalpur District, who secured 70% and above marks in the Class 10th Board Examination conducted by the Board of Secondary Education, Odisha, in the academic year 2024-25. A total of 23 meritorious students were felicitated and awarded **Samsung Tablets** to enhance their digital literacy and support their future educational pursuits. The event, held at the company's Club House, was graced by the presence of key dignitaries including Mr. Satyanarayan Agarwal, Block Chairman; Ms. Monika Bohidar, ABDO; BEO Mr. Mahendra Bagh, school Headmasters; and Sarpanchs from the six



Gram Panchayats. From Aditya Aluminium, the event was attended by Mr. Jagannath Prasad Nayak, Unit Head; Mr. Vinoda Nand Thakur, Unit HR Head; Mr. Rajat Majumder, Finance Head; Mr. Gulshan Tiwari, CPP Head; Mr. Ranjit Kumar Sharma; Mr. Suvendu Biswas, IT Head; Mr. Hemo Ranjan Pattnaik, Land Head; and Mr. Madhu Sudan Jena. The program saw the participation of approximately 76 students, parents, local stakeholders, and government officials. The primary objective of Pratibha Samman was not only to recognize academic excellence but also to inspire and motivate students through career counselling for higher education and future aspirations. All PRI members, teachers, and parents present appreciated Aditya Aluminium for this thoughtful initiative aimed at empowering young minds through education, digital inclusion, and positive community engagement.



Observation of World Health Day:

The World Health Day program was organized at Lohamani High School and Golamal village, in collaboration with PHC Rengali and Aditya Health Care Initiative, aimed to promote health awareness and well-being in the community. This year's theme, "Healthy Beginnings, Hopeful Futures," was central to the event, which sought to educate participants on the importance of maintaining a healthy lifestyle from an early age. The program was featured by Dr. Subrat Nanda from PHC Rengali, who shared insightful guidance on various aspects of health, including proper nutrition, sleep habits, hydration, and the significance of physical activity for overall wellness. His interaction with the children and villagers was designed to empower them with practical knowledge to foster long-term health. Apart from that we have also conducted more than 200 BP check-up during the programme. Additionally, over 150 sanitary napkins were distributed to adolescent girls and women, emphasizing the importance of hygiene, particularly in rural settings. The event also hosted a quiz competition, which engaged students and villagers in discussions about health topics, with winners receiving prizes as incentives for participation. The presence of key figures, such as Mr. Manoranjan Behera, Deputy Manager, CSR & RR of Aditya Aluminium, Lapanga, Mr. Soumya Ranjan Mishra & Mr. Damodar Sahu (Aditya Associate representative) along with school staff, villagers, and CSR team from Aditya Aluminium, further strengthened the collaborative nature of the program. This initiative not only highlighted the commitment to improving health awareness but also demonstrated the role of community and corporate partnership in fostering a healthier future for all.



Single Use Plastic (SUP) Awareness:

This initiative focuses on raising awareness about the harmful effects of single-use plastics and promotes eco-friendly alternatives for a sustainable future. Single Use Plastic Awareness program was organized three awareness program at Lapanga school, Bhalupatra and Bhoiplai village with 245 students. Students and teacher participated and triggered on “No to Say single use plastic”. Environment Department and CSR team facilitated the need-based program. The community member was keen to learn as it was new topic to them and environment related issue.



POCSO Awareness Session:

Aditya Aluminium Lapanga organized POCSO awareness session at Lapanga high school on 12th April 2025 under project SADHANA. The session was led by Ms. Asmita Topdar Lead Legal Aditya Aluminium Lapanga for school children and teachers. Around 70 students and teachers attended the session and learned about the POCSO act 2012. The objective was to sensitize children on POCSO, child abuse at school and community, how to complain and procedure etc. The session was facilitated by Mr. Manoj Kumar Nayak Principal Lapanga high school.



Project Mini Science Centre (STEM Learning):

Five Mini Science Centres were established to foster STEM (Science, Technology, Engineering, and Mathematics) education. Over 900 students have accessed these centres and demonstrated their learning using the provided tools. STEM learning classes in all 5 schools are ongoing, and children are actively learning the session with the demonstration and practical session given. Teachers in all 5 schools monitor the students and give proper guidance to the students on practical technical sessions.



Project Pustakalaya:

The project Pustakalya aims to promote reading and education by providing access to books and educational resources. More than 995 children from five schools visit the library daily. Library habit is being introduced to the students. Learning level of kids evaluated, and awareness created on book reading and storytelling session. Monitoring the infrastructure, books and library scheduled and conducted storytelling, book reading and various quiz program in schools. The assessment & story telling session at Pustakalaya was conducted in 2 schools where more than 75 students and teachers participated and enjoyed the learning session.



Independence Day Celebration 2025:

Independence Day 2025 in India is a national observance that marks the adoption of the Indian Constitution. This year, India will mark its 79th Independence Day being observed on *Friday, 15th*



August, 2025, under the theme “Naya Bharat” is the official theme of Independence Day 2025, celebrating India’s rise as a prosperous, secure, and self-reliant nation aligned with the Viksit Bharat 2047 vision and the legacy of Operation Sindoor. “Naya Bharat” reflects the nation’s commitment to progress, unity, and empowerment. Under guidance of Mr. Ravi Niwas Head CSR RR, During the year, 5350 snacks packets prepared by SHGs and distributed to 43 schools & 37 AWC.

Firewood Support to Schools and Anganwadi Centre:

As part of a community welfare initiative, more than 60 tons of firewood were provided free of cost to 15 government schools to support the preparation of Mid-Day Meals. This contribution directly benefits over 1250 children, who receive freshly cooked, nutritious meals every school day.



Sports & Games - Sairendri Nayak Memorial Inter High School Football Tournament, Sambalpur:

To encourage inter-school sportsmanship and provide exposure to competitive events, we Aditya Aluminium facilitated bus transportation for 20 students from Lapanga High School to participate in the prestigious Sairendri Nayak Memorial Inter High School Football Tournament. Their involvement not only boosted school pride but also enhanced their skills and team spirit.



Block Level Sports & Games Competition:

Total of **62 students from five Gram Panchayats** participated in the Block Level Sports & Games competition. We are proud to have supported and mobilized this significant participation, which reflects the growing enthusiasm for physical education and community-level sports. These initiatives highlight our ongoing commitment to nurturing talent, promoting healthy lifestyles, and building a strong foundation for youth development through sports.



Digital Classroom:

A Digital Classroom Project was implemented by setting up digital learning facilities in five Government High Schools, Lapnga High School, Dhorropani High School, Lahamani High School and Katarbaga High School, enabling access to modern educational tools for over 990 students. Each digital classroom was equipped with interactive smart boards, projectors, computers, internet connectivity, and curriculum-aligned digital content to enhance the teaching-learning process.



Safe Drinking Water Facility:

Installation of 5 water purifier in 5 schools, Dhorropani High School, Gumkarma Seva Ashram, Ghichamura High School, ITI Rengali, Orissa Adarsh Vidyalaya to provide safe drinking water facilities to school children and staffs. More than 840 schoolchildren and staff are getting benefits.



HEALTH – PROJECT AROGYA

Aditya Community Dispensary (First Aid Centre):

Aditya Community Dispensary running successfully at Lapanga Besides SH-10, 1321 number of patients were accessed with free medicine and doctor consultancy from our First Aid Centre, Lapanga. More than 45 to 50 villagers access the first aid facilities. From April 2025 to September 2025, 6067 beneficiary got facility of free doctor consultation and medicine.



Project Vision Centre:

Vision center is a small spoke center which was established to give primary check-up to the unprivileged people who can't reach to the Hub-Eye Hospital. Normal treatment can be provided to the patients after check up by trained optometrists and consultation will be provided by Video conference. Aditya started the project in the year 2020. There is no eye care facility available in a radius of 20 km. To remove blindness due to cataract & to provide a centralized system to avail the facility to the poor and marginalized living- it has been aimed. This is the first center running by the Aditya in collaboration by Vision India Foundation. During this period from April to September 2025 around 681 patients treated with nominal charges. 25 cataract patients were operated on successfully at base hospital Sambalpur.



National TB Elimination Program (Ni-Kshay Mitra):

India has been actively involved in TB control activities for more than 50 years now. Still TB continues to be India's most severe health problem. The country is now better prepared to tackle TB better than before. It now holds advanced and effective interventions and



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technologies for diagnosis, treatment and care of TB cases. As many of our villages are vulnerable to the disease, and in collaboration with Govt. of India, under Aditya Health Care Service, our dedicated warriors working closely with govt. guidelines for elimination of TB under Nikshay mitra program. During the month including spread of awareness program, district level felicitation program organized, and Aditya felicitated by CDMO, for relentless contribution towards elimination of TB in Rengali Block. In addition, 250 number of nutrition kit distributed to TB patients.

Medical Mobile Unit (MMU) Inauguration:

Reaffirming its commitment to rural health and well-being, Aditya Aluminium, Lapanga (A unit of Hindalco Industries Ltd.) has launched a Mobile Medical Unit (MMU) under its flagship CSR initiative, “Aarogya – Healthy Life, Healthy Community.” Launched in collaboration with The Hans Foundation, the MMU is a vital component of Project Aarogya, aimed at providing door-to-door healthcare services across six Gram Panchayats: Bomaloi, Lapanga, Jangla, Ghichamura, Katarbaga, and Nishanbhanga.



The Mobile Medical Unit will offer:

Free doctor consultations and medicines

- ✓ Basic pathological services
- ✓ Daily health awareness programs
- ✓ A dedicated healthcare team comprising a doctor, pharmacist, and community mobilizer will deliver these services directly to households in the plant's vicinity.

The MMU was formally flagged off by key leadership and stakeholders:



Mr. Jagannath Prasad Nayak, Unit Head, Aditya Aluminium, Mr. Gulshan Tiwari, CPP Head, Mr. Vinoda Nand Thakur, Unit HR Head, Mr. Avijit, Group CSR Head, Hindalco, Mr. Siba Mohapatro, CSR Cluster Head, Dr. Arindam Roy Choudhury, CMO, Aditya Health Center, and Mr. Stephen Arokiaraj. Local dignitaries, including Mr. Satyanarayan Agarwal (Block Chairman, Rengali), Mr. Kiran Behera (Samiti Member, Lapanga), residents and representatives from all six Panchayats welcomed the initiative and expressed gratitude, emphasizing its importance in improving access to quality healthcare in underserved regions. This Mobile Medical Unit marks a significant step in Aditya Aluminium's ongoing efforts to strengthen sustainable, community-centric healthcare systems in rural Odisha. During this

period from April to September 2025 around 1865 rural villagers got benefited by the MMU services.

SWASTH NARI SASHAKT PARIWAR ABHIYAN:

Aditya Aluminium, Lapanga a Unit of Hindalco Industries Limited through its Corporate Social Responsibility (CSR) initiatives, has actively extended support to the Pradhan Mantri Swasth Nari Sakth Pariwar programme. The collaboration with Laida Community Health Centre (CHC), Rengali, aims to strengthen women's and family health in the region. By aligning with both national and state healthcare priorities, the initiative seeks to improve access to quality healthcare services and promote overall community wellbeing. This partnership reflects the company's commitment to sustainable development and social impact in local communities. The program was held from 20th September to 24th September 2025 at Katarbaga PHC, Rengali PHC, Laida CHC and Khinda PHC in partnership with HANS Foundation. Various lab test was conducted with the help of Mobile Medical Unit which included Diabetic, Cholesterol, SGOT, SGPT and Haemoglobin etc. Around 770 patients availed the facility and total 253 tests were conducted. The government officials appreciated the efforts made by Aditya Aluminium CSR team for the support provided within short period of time.



PROJECT ASTITVA:

As part of our health-focused initiatives, we propose to organize a Multi-Category Therapy Camp under our flagship Project ASTITVA for specially abled children from these Gram Panchayats. The camp aims to serve underprivileged children in the vicinity of Aditya Aluminium Lapanga, by addressing the gap in accessibility to quality therapy services and professional support. Conducted survey at villages and attended block level camp for understanding the program.



The camp will offer services including:

- Physiotherapy and Occupational Therapy
- Special Education and Psychosocial Support
- Speech Therapy

Objectives of the Program:

- Early screening and identification of children with developmental delays and disabilities
- Provision of comprehensive rehabilitation services
- Access to assistive aids and medical support
- Promotion of inclusive growth, independence, and engagement through sports and vocational activities



World Breastfeeding Week 2025:

Prioritise Breastfeeding: Create Sustainable Support Systems

Introduction

World Breastfeeding Week is celebrated every year from August 1 to 7. Its purpose is to promote the importance of breastfeeding and encourage mothers to engage in it. “Breastfeed, while working too.”

Awareness Program

Health workers provided detailed information to pregnant women and nursing mothers about the benefits of breastfeeding, the correct techniques, and care during breastfeeding. A free health check-up and nutrition counselling camp for mothers and newborns was organized. Experienced mothers shared their experiences and advised new mothers.



Information was to provided on the following key points

- ✓ The baby should be given mother's milk within the first hour of birth.
- ✓ The thick yellow milk (colostrum) that comes first is like nectar for the baby — it boosts immunity.
- Exclusively breastfeed from birth to six months.
- During this period, do not give water, honey, cow's milk, or any other food to the baby.
- Continue breastfeeding even after six months.

Around more than 200 pregnant mothers, lactating mothers and adolescent girls participated in the awareness session and gained knowledge on importance of breastfeeding. The session also included institutional delivery no early child marriage etc so that adolescent girls and village women get educated on social cause.

MASS Drug Administration - FILARIASIS Medicine Distribution Program:

Aditya Aluminium Lapanga, a Unit of Hindalco Industries Limited Conducted MASS Drug Administration Activities on elimination of Lymphatic Filariasis in collaboration with District Government Health Department and Aditya Health Care Centre. The objective was to give awareness on Filaria and to suggest taking medicine for the age group above two can take this medicine for preventing Filaria. The Employees and the Township people got benefited by the program.



NATIONAL NUTRITION WEEK 2025 'Eat Right for a Better Life':



Aditya Aluminium Lapanga A Unit of Hindalco Industries Limited CSR team Organized National Nutrition Week 2025 at RR Colony Pondloi and Ludhapali. The programme was attended by Dr. Araka Chatterjee Aditya health centre, Ravi Niwash CSR head, AWW, ASHA and CSR team. The discussion was on the following points were oriented by Dr. Arka Chatterjee.

1. Importance of Nutrition for mother, children and adolescent.
2. Different sources of Nutrition.
3. Type of Nutrition.
4. Nutrition required for a healthy baby.

In addition to this there was a quiz competition and healthy baby show and a prize distribution program. The programme ended with positive note as eat healthy for healthy future.

World Malaria Day 2025:

Aditya Aluminium, Lapanga, in collaboration with Aditya Health Centre, CHC Laida and PHC Rengali, observed World Malaria Day at Laumal Village under Katarabaga Gram Panchayat. The event focused on raising awareness about Malaria Prevention and Control, in line with this year's theme: "Malaria Ends with Us: Reinvest, Reimagine, Reignite." The program featured a range of activities, including an awareness session, a quiz



competition, prize distribution, Oath Taking and the distribution of mosquito nets. Discussions were held on Malaria symptoms, Patient care and Preventive measures. Total of 120 households were provided with mosquito nets to help prevent the spread of malaria. Key topics discussed included the importance of, Use of mosquito nets while sleeping, maintaining personal hygiene, Ensuring environmental cleanliness to eliminate mosquito breeding grounds. The event was graced by several dignitaries: Sri Jadumani Gani, PHEO, Laida, Sri Subrata Mishra, VBDTS, Sambalpur, Sri Dr. Sourabh Mourya Aditya health Centre, Sri Ravi Niwas Head CSR & R&R, Deputy General Manager, Aditya Aluminium, Lapanga, Sri Manoranjan Behera, Deputy Manager CSR, Aditya Aluminium, Lapanga, The program also showed active participation from the CSR staff of Aditya Aluminium and residents of Laumal village. The efforts and initiatives of the Peripheral Development Department were widely appreciated by the local community for their commitment to health and wellbeing.

International Women's Health Day 2025:

Aditya Aluminium, Lapanga observed International Women's Health Day at Bhoipali under the Jangala Gram Panchayat, with the participation of 218 women. The primary objective of the event was to raise awareness about women's health-related rights and empower them to take proactive steps toward safeguarding their health.



With the support of the District Health Department, Dr. Subhadra Das from Katarbaga PHC presided over the programme. Around 250 women from Bhoipali and Sithapali villages attended the event. Dr. Subhadra Das emphasized that health is a fundamental right by birth and urged the community to act collectively in promoting and protecting women's health. She also highlighted the importance of personal hygiene and encouraged women to continuously advocate for their health and well-being. The Peripheral Development Department of Aditya

Aluminium assured full support to the local community in health-related initiatives. The programme received high appreciation from the attendees and was considered a meaningful step toward women's empowerment and health awareness.

Free Eye Check-up Camp for Truckers under 'Healthy Vision, Safe Roads' Initiative:

Reinforcing its commitment to road safety and community well-being, the CSR department of Aditya Aluminium, Lapanga organized a Free Eye Check-up Camp for the truckers' community within the plant premises, under the banner of "Healthy Vision, Safe Roads." The camp was conducted in collaboration with Trilochan Netralaya, providing free eye examinations and consultations. Approximately 170 truck drivers from various states benefited from



the initiative, receiving essential vision care services that are critical to their safety and performance on the road. The truckers expressed heartfelt gratitude to the organizing team, acknowledging the importance of such health-focused interventions that cater to their specific needs. This initiative highlights Aditya Aluminium's ongoing efforts to support the well-being of the transport community while promoting safer roads through better vision care.

Awareness on Sunstroke:

An awareness programme on Sunstroke was successfully conducted at Bomaloi village, aiming to educate the public on the causes, symptoms, prevention, and immediate response to sunstroke cases. The session witnessed the active participation of 50 villagers, demonstrating community interest and concern for health safety, especially during the hot summer season.



Objective of the Programme:

✓To create awareness about sunstroke.

✓To sensitize the public on its causes and the necessary steps to take when someone is affected.

Topics Discussed:

1. Symptoms of Sunstroke:

- ✓High body temperature
- ✓Hot and dry skin
- ✓Rapid breathing
- ✓Vomiting
- ✓Change in mental state



2. Precautions to be Taken After a Sunstroke:

- ✓Move the affected person to a cooler environment
- ✓Remove excess clothing
- ✓Apply cool water or ice packs to the body
- ✓Ensure they drink cool, non-alcoholic beverages
- ✓Monitor vital signs and seek medical help if needed

3. Preventive Measures:

- ✓Stay well hydrated by drinking plenty of fluids
- ✓Avoid sun exposure during peak heat hour ✓seek shade when possible
- ✓Wear loose-fitting, light-coloured clothing
- ✓Use sunscreen to protect the skin from sunburn.

Periodical Health Camp:

Health camps play a critical role in providing medical care and creating awareness about health issues in rural areas. While there are many reasons why health camps in rural areas a necessity are, the lack of access to healthcare facilities is one of the most significant factors. In rural areas, access to medical facilities and doctors is limited. This is mainly because of a lack of hospitals, clinics, and qualified medical professionals. To overcome the situation our dedicated



health care team, organised periodical health camps from time to time at rural villages. During

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the period April to September 2025, periodical health camp was organised at RR Colony, Pondloi and Ludhapali where 101 patients attended and treated with free medicines.

Project JAL VAHINI:

Water is a source of life for all of us and helps our natural environment thrive. In this era of climate change, the unavailability of water is going to hit the developing world the most. Maintaining a balance between natural and human-



made components is the only way to survive. Odisha has been going through water scarcity, drought, floods, groundwater depletion and much more. Despite several schemes undertaken by Government to ensure safe drinking water for rural villages, still it is daydream for rural communities of Rengali Block. Every year, people of Rengali facing acute safe drinking water. District & block authorities, PRI Members every year appealed to provide safe drinking water in remote villages. Since a long Aditya have taken this seriously under Project: JAL VAHINI, and at present 32 water tanker engaged to supply safe drinking water to 31 revenue village and 101 hamlets.

PROJECT SUPOSHAN:

Project SUPOSHAN in collaboration with partner organisation HELP conducted numbers of awareness program on Breastfeeding week. Also on Health & Hygiene awareness conducted at 3 selected villages and AWCs, where 85 AWWs, ASHAs, SHG leaders, adolescent girls and children participated. In addition, the Training on Capacity building of ASHA & AWW on management of SUPOSHAN Program has been organized by our partner agency, HELP. Organized 2 number of Nutrition Mela was Conducted at Shardhapali AWC where 08 number of Nutrition Kit distributed to the Anemia students who are tested and identified as Anemia. 37 number of pregnant and lactating mother participated in the program.



PROJECT SAMADHAN:

Project SAMADHAN has been inaugurated in this month of May; project aims at Menstrual hygiene and Sanitation. The program will focus on adolescent healthcare and support mechanism for development in 10 High schools. The partner NGO Gram Utthan has been allocated for implementation of the program in six Gram panchayats. Started with baseline and endline studies at ten villages. 25 number of Awareness on Menstrual Hygiene – cum- Sanitary Pad Distribution programme were conducted at different village and School level. Where 1839 Sanitary pad are distributed to the participants to know the benefit of pad and its uses. The programme were conducted by Gram-Utthan in collaboration with AWW. 11 number of incinerator machine has been installed at 11 schools. Where more than 400 girls student will be benefited by using this incinerator.

**LIVELIHOOD – Project SHAKTI & UNNATI:**

Under the CSR initiative, the SHGs in the target village are monitored closely and regularly. At present 2125 members are clubbed into 201 number of SHGs. The group members repaid bank loans and extended for internal lending. This ongoing SHG program under the CSR initiative is beneficial to the target community Members. At present, Bamboo craft, Moringa powder, Pickels, Mixture/Namkeen, Hand Wash, Phenyl, Safety Jacket Unit, Poultry Farming, Papad making, Broom Making, Paper Plate & Cup business by SHG members promoted in the local market. Inspired by the initiative, other SHG are preparing their business plan to start up their IGP. Looking to the present scenario. Strategic planning developed to strengthen their expertise in new business opportunity and marketing. During this period 56 SHG meeting, 42 Stakeholder meeting and community consultancy meetings, Meeting with Sarpanch on Community toilet operation and maintenance was organised and around 2450 members were involved and discussed on their upcoming business strategy and programs.



Project Basketry:

Aditya Aluminium (Hindalco) is creating sustainable livelihood opportunities for rural women through Project Basketry, in partnership with the NGO Uphold Earth. This initiative aims to provide bamboo saplings to local artisans—empowering them with resources to cultivate bamboo for long-term self-sufficiency, reviving bamboo-based traditional livelihoods in Laumal and nearby villages, and contributing to environmental sustainability. Under its CSR programs, Aditya Aluminium Lapanga conducted a 40-day skills training program in bamboo handicrafts—focusing on the creation of everyday utility products—in Laumal village, Sambalpur district, Odisha. The project commenced on 12 September 2024. Since then, 15 beneficiaries have sold a total of 1,350 products—including laundry bins of various sizes, paper bins, and baskets—generating revenue of Rs. 250730.



Rural Women Self-Help Group Stall.

Featuring: “Maa Tarini SHG, Lapanga, Women Star SHG, Jangla, Maa Subhadra SHG & Maa Samleswari SHG of Bomaloi, Rengali Block, Sambalpur, Odisha”. At our Aditya Township Durga Puja Celebration our SHG women stall was displayed with Moringa powder, Millets mixture/namkeen and Varieties of pickles. The township residents appreciated the organic products and enjoyed the eatables also asked to bring more organic products for nutrition values and food habits. Special thanks to the management for giving us the opportunity and guiding us also CSR RR head for always giving new innovative ideas for giving growth the projects. Our SHG members also got the opportunity to enjoy the divine grace of Durga Puja at Township temple.



Meeting with Key Aditi Ladies Club Members:

CSR team, conducted a meeting with key Ladies Club members to present an overview of CSR activities, ongoing projects, and their impact. They expressed strong interest in participating and contributing to societal initiatives. Members suggested supporting school children through co-curricular activities, indoor games, coaching classes, and cultural programs, as well as livelihood-based skill training, township stalls during Puja celebrations, and product placement in the township complex shop. They appreciated the briefing on CSR programs and their community reach.

**Income Generation Activity Training Program:**

CSR team Organized Income Generation Activity Training on Badi papad, pickles and other eatable items making training for progressive SHG members and women entrepreneurs. The objective of the Training program was to educate the SHG members on different varieties of badi papad and unique products for IGA and to develop women entrepreneurs from Periphery villages so as to improve their source of income. The certified ORMAS trainer from Bhubaneswar Mrs. Gitarani Panda was the resource person for the day. women and progressive entrepreneurs participated in the training program and learn on different varieties of badi papad & pickles and other eatable items and how to compete on local markets with their products and eatable items.

1. Mung Papad
2. Urad dal Papad
3. Sagoo (Tamato) Papad
4. Rice flour plain Papad
5. Rice flour (Pudina) Papad
6. Rice flour (Tomato) Papad
7. Sagoo plain Papad.
8. Drumstick pickle
9. Bitter guard pickle
10. Tamarind pickle
11. Lemon pickle
12. Mix pickle (Carrot, Zinger, Green chilli, Garlic)



Around 65 SHG women from nine SHG group from 4 villages, Lapanga, Tiliemal and RR colony Pondloi actively participated in the training program and gained knowledge on entrepreneurship Development.

79th Independence Day Celebration:

Aditya Aluminium Lapanga, A Unit of Hindalco Industries Limited- participated in block level Independence Day celebration at Rengali ground in association with Block Development Office. Our active SHG members from Lohamani and Tiliemal village displayed their products through stall like



moringa tea, millets namkeens and moringa namkeens which is highly organic and adds various nutrients. The guests, BDO, Block Chairman and other government dignitaries visited the stall and appreciated the unique and organic products made by the SHG members themselves. Various schools and colleges students also participated in the event and made the event more vibrant and patriotism with parade march and culture program full of enthusiasm and Josh at the ground. Love to see young generation with such motivation and love for the country our future generations.

Aditya Birla Skill Centre Sambalpur Graduation Day:

Aditya Aluminium Lapanga CSR team participated in Aditya Birla Skill Centre Graduation Day where different trades students got certificates which were felicitated by Senior management of Hirakud Smelter and Power plant. Happy to share that our six Adolescent girls from Lapanga and Bomaloi got training certificate and got placement as retail executives at Jharsuguda and now they are earning source of income for themselves and are self-dependent, self-reliant and confident to move forward for their source of Livelihood.



MSME and DIC Awareness Program:

Aditya Aluminium Lapanga CSR in collaboration with District Industrial Centre organized DIC MSME awareness program at Lapanga village



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at Rajiv Bhawan. Around 48 SHG members, CRPs, MBK and other village women attended the session. The objective of the day was to educate and aware women on entrepreneurship Development and how to be Financially self-reliant for their socio economic development and growth. Mr. Shantanu Kumar Bhoi and Mr. Sitaranjan Gochayat from District Industrial Centre Sambalpur were the key person to orient and aware SHG members and women on MSME and government schemes. The SHG members and women actively participated in the session through question-and-answer session and gained knowledge on MSME.

Marketing Opportunity for SHG products:

50 number of Broom Supplied at Plant by Jai Maa Samlei SHG group from Bomaloi village. 80 number of phenyls was supplied at Township Complex by Women star group from Lohamani village and Maa Tarini SHG from Lapanga village.



Convergence Meeting on Government Schemes:

Comprehensive development occurs in areas by integrating the physical, institutional, social and economic infrastructure. Many of the sectoral schemes of the Government converge in this goal, although the path is different. There is a strong complementarity between the State, central Govt. and Non-Govt. organizations. It is foremost important to encourage women, and farmers regarding and other beneficiaries, schemes and projects, process of application, illegibility and subsidiary support. During the period, discussion was held with SBIRSET, Dept. of Fishery, Horticulture, BEO, BPM, ICDS, OLM and Mission Shakti regarding various schemes and projects and beneficiary criteria for implementation of projects.



UNNATI: Under its CSR initiatives, Aditya Aluminium, Lapanga, is developing a sustainable agriculture model through Project UNNATI, covering 4,642 farmers across target



villages. The project engages farmers in integrated agricultural practices and crop production using solar irrigation systems (drip and sprinkler). The primary focus is to educate and involve farmers in high-tech agricultural practices, improve crop productivity, and promote the adoption of organic farming. Solar based Drip irrigation system demonstration at villages with Khetaworks team. Solar and Battery Agricultural farm equipment demonstration at villages.

Infrastructure Development (Project Kayakalp):

1. Market complex work at RR Colony Pondloi is completed.
2. Construction of Crematorium work at Lapanga has been completed.
3. Construction of Borewell structure at Katarbaga RI office has been completed.
4. Lohamani Pond renovation work has been completed.

Social Cause (Project Samwad):

Attended and participated Nuakhai Bhetghat in Khadiapali village and financial support to Salad, Rengali for Nuakhai Bhetghat program.



World Environment Day 2025:

Aditya Aluminium Lapanga CSR department observed World Environment Day 2025 at Ludhapali RR colony under Katarbaga GP in collaboration with Environment department. The event aimed to raise awareness on environment precaution and control in line with the global theme 'Beat Plastic Pollution' - Calls for collective action to tackle plastic pollution. The program includes awareness Sessin, drawing competition, quiz competition, prize distribution and tree plantation. Around 87 children women and men from RR colony participated in the program and got awareness on plastic pollution and how to control it from environment point of view. Special thanks to HR team for the participation.



ABGLP CSR Immersion Program – Aditya Aluminium, Lapanga: The ABGLP CSR Immersion Program was successfully held at Aditya Aluminium, Lapanga on 13th June 2025. The visit began with interactions with key leaders—Mr. Gulshan Tiwari (CPP Head), Mr. Vinoda Nand Thakur (Unit HR Head), and a CSR overview by Mr. Ravi Niwas. Participants visited Smelter Plant, including the Pot Room and Cast House, followed by field visits to major CSR initiatives such as the Vision Centre, Solar-Based Irrigation Project, and Project Basketry. Through direct engagement with villagers, farmers, and bamboo artisans, participants gained

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meaningful insights about the social impact of Aditya's CSR efforts and the company's focus on sustainable development.

Meeting with CDMO on Model PHC project:

Organized various stakeholder meetings in District & Block level like, BDO, Education department (BEO), Health department (CDMO & PHO, CHC & PHC), Horticulture, Mission Shakti, and Gram Panchayat.



Corporate Video shoot:

We have successfully completed the corporate video shoot across various CSR intervention areas, capturing real-life impact stories and field-level activities. The shoot included footage from diverse project locations, showcasing key initiatives, community participation, and the transformative outcomes of our programs. It highlighted areas such as livelihood development, healthcare, education, SHG activities, and environmental efforts.



Bagged CII-ITC Award on journey to excellence in Sustainable Business:



- Ration support to Katarbaga Durga Puja Program
- Financial support to Dhanupali Durga Puja Program
- Participated in Bomaloi Samleswari temple Durga Puja program
- Financial support to 2 RR Colony for organizes Ganesh Puja program.

MEDIA CLIPS:

ଅନ୍ତର୍ଜାତୀୟ ମହିଳା ସ୍ୱାସ୍ଥ୍ୟ ଦିବସ ପାଳିତ



ଭୁବନେଶ୍ୱର

ଭୁବନେଶ୍ୱର, ୧୫ତମ ମାର୍ଚ୍ଚ: ଅନ୍ତର୍ଜାତୀୟ ମହିଳା ସ୍ୱାସ୍ଥ୍ୟ ଦିବସ ପାଳିତ ହୋଇଛି। ଏହି ଅବସରରେ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରିବା ଓ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ। ଏହି ଦିବସ ପାଳିତ ହେବା ସହିତ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ। ଏହି ଦିବସ ପାଳିତ ହେବା ସହିତ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ।

ଏହି ଦିବସ ପାଳିତ ହେବା ସହିତ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ। ଏହି ଦିବସ ପାଳିତ ହେବା ସହିତ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ। ଏହି ଦିବସ ପାଳିତ ହେବା ସହିତ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ। ଏହି ଦିବସ ପାଳିତ ହେବା ସହିତ ମହିଳାଙ୍କ ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଦିବସ ପାଳିତ ହୁଏ।

Aditya Aluminium Felicitates Meritorious Students Under 'Pratibha Samman' Initiative

Sambalpur (Correspondent): Reaffirming its commitment to education and community development, Aditya Aluminium, Lapangra unit of Hindalco Industries Ltd., Aditya Birla Group, organized Pratibha Samman, a special felicitation program to honor outstanding academic achievers from its Gram Panchayats of Bargarh Block, Sambalpur District, who secured 70% and above marks in the Class 10 Board



Examination conducted by the Board of Secondary Education, Odisha, in the academic year 2024-25. A total of 25 meritorious students were felicitated and awarded. Honoring students to enhance their digital literacy and support their future educational pursuits.

Head: Mr. Hemu Ranjan Pattnaik, Unit Head, Aditya Aluminium, Lapangra. The program saw the participation of approximately 76 students, parents, local stakeholders, and government officials. The primary objective of Pratibha Samman was not only to recognize academic excellence but also to inspire and motivate students through career counseling for higher education and future aspirations.

Aditya Aluminium's Project Vision Centre Transforms Eye Care in Rengali

Bhubaneswar (Correspondent): Aditya Birla Group's Aditya Aluminium, in collaboration with the Vision India Foundation, through its flagship Project Vision Centre, has made deep impact. Over 94,000 residents of Rengali

Block in Sambalpur district of Odisha have received vision care. Since its inception in 2020, the Centre has emerged as the first and only eye care facility serving 81 villages. In an area previously devoid of basic ophthalmic services, this initiative is



a step forward. Operating through a

smart blend of local optometrists and remote video consultations with doctors from the Sambalpur-based Trilochan Netralaya with whom it is closely associated. The Centre provides affordable and accessible primary eye

care. In just one quarter, over 635 patients were treated and 70 cataract surgeries successfully performed under the 'Blind Free Sambalpur' campaign - restoring their eyesight and rewriting their future. Bringing light and hope from darkness. From

elderly villagers to young students struggling with poor vision, the Centre extends its reach through weekly outreach camps, door-to-door screenings, and the tireless efforts of the ASHA and Anganwadi workers.

କଟକରବାଗରେ ବିଶ୍ୱ ମ୍ୟାଲେରିଆ ଦିବସ



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ଆଦିତ୍ୟ ଆଲୁମିନିୟମ ପକ୍ଷରୁ କଟକରବାଗ ପ୍ରକଳ୍ପ ଶୁଭାରମ୍ଭ



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ଆଦିତ୍ୟ ଆଲୁମିନିୟମ ପକ୍ଷରୁ କଟକରବାଗରେ ଆଦିତ୍ୟ ଆଲୁମିନିୟମ ପ୍ରକଳ୍ପର ଶୁଭାରମ୍ଭ ହୋଇଛି। ଏହି ଅବସରରେ ଗ୍ରାମବାସୀଙ୍କୁ ମ୍ୟାଲେରିଆ ରୋଗ ପ୍ରତିରୋଧ କରିବା ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରାଯାଇଥିଲା। ଏହି ଅବସରରେ ଗ୍ରାମବାସୀଙ୍କୁ ମ୍ୟାଲେରିଆ ରୋଗ ପ୍ରତିରୋଧ କରିବା ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରାଯାଇଥିଲା। ଏହି ଅବସରରେ ଗ୍ରାମବାସୀଙ୍କୁ ମ୍ୟାଲେରିଆ ରୋଗ ପ୍ରତିରୋଧ କରିବା ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରାଯାଇଥିଲା।

Aditya Aluminium's Project AAROGYA Brings Hope to Rural Odisha

Bhubaneswar (Correspondent): Aditya Aluminium, an Aditya Birla Group company, is strengthening rural healthcare through its CSR initiative, Project AAROGYA, at Lapangra in Sambalpur district, Odisha. The project provides comprehensive healthcare to nearby communities through its Community Health Centre (CHC) and Mobile Medical Unit (MMU), offering free consultations, diagnoses,



diagnostic tests, and emergency care. Speaking about the initiative, Mining Business Head and Sambalpur Cluster Head of Hindalco, Mr. Karish Pasley, said: "We

are proud to support the well-being of the communities we operate in. The Aditya Community Dispensary, situated near NH-10 in Lapangra, has already benefited 9800+ lives in the current financial year, with a daily footfall by 45-50 villagers from nearby panchayats like Buralahi and Ghichumara. It offers treatment for common ailments such as respiratory infections, dysentery, hyperacidity, and skin conditions, attended by MBBS doctors, a pharmacist, and support staff. As a continued effort, two special eye check-up camps are organized every month for the truckers' community, focusing on the early detection of vision problems that could affect safe driving. These camps provide comprehensive eye screenings, prescribing and referrals for corrective measures or treatment, thereby improving eye health and contributing to enhanced road safety."

ପୋଷଣ ଜାଗରଣରେ ସହକାରୀ ଆଦିତ୍ୟ ଆଲୁମିନିୟମ



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ଆଦିତ୍ୟ ଆଲୁମିନିୟମ ପକ୍ଷରୁ କଟକରବାଗରେ ଆଦିତ୍ୟ ଆଲୁମିନିୟମ ପ୍ରକଳ୍ପର ଶୁଭାରମ୍ଭ ହୋଇଛି। ଏହି ଅବସରରେ ଗ୍ରାମବାସୀଙ୍କୁ ମ୍ୟାଲେରିଆ ରୋଗ ପ୍ରତିରୋଧ କରିବା ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରାଯାଇଥିଲା। ଏହି ଅବସରରେ ଗ୍ରାମବାସୀଙ୍କୁ ମ୍ୟାଲେରିଆ ରୋଗ ପ୍ରତିରୋଧ କରିବା ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରାଯାଇଥିଲା। ଏହି ଅବସରରେ ଗ୍ରାମବାସୀଙ୍କୁ ମ୍ୟାଲେରିଆ ରୋଗ ପ୍ରତିରୋଧ କରିବା ପାଇଁ ସ୍ୱାସ୍ଥ୍ୟ ସେବା ପ୍ରଦାନ କରାଯାଇଥିଲା।

Observation of World Health Day

Rengali (Correspondent)
"The World Health Day program organized at Lahuram High School and Golamal village, in collaboration with PHC Rengali and under the Aditya Health Care Initiative, aimed to promote health awareness and well-being in the community. This year's theme, "Healthy Beginnings, Hopeful Futures," was central to the event, which sought to educate participants on the importance of maintaining a healthy lifestyle from an early age. The program featured Dr. Subrat Nanda from PHC Rengali, who shared insightful guidance on various aspects



of health, including proper nutrition, sleep habits, hydration, and the significance of physical activity for overall wellness. His interaction with the children and villagers was designed to empower them with practical knowledge to foster long-term health. Apart from that we have conducted more than 200 BP check up during the

programme. Additionally, over 150 sanitary napkins were distributed to adolescent girls and women, emphasizing the importance of hygiene, particularly in rural settings. The event also hosted a quiz competition, which engaged students and villagers in discussions about health topics, with winners receiving prizes as incentives. For

participation. The presence of key figures, such as Mr. Manoranjan Behera, Deputy Manager CSR & RR of Aditya Ahimsam, Laptaga, Mr. Sourya Ranjan Mishra & Mr. Damodar Sahu (Aditya Ahimsam representative) along with school staff, villagers, and CSR team from Aditya Ahimsam, further strengthened the collaborative nature of the program. This initiative not only highlighted the commitment to improving health awareness but also demonstrated the role of community and corporate

କାତରବଗାରେ ବିଶ୍ୱ ମ୍ୟାଲେରିଆ ଦିବସ



ରେଣ୍ଡାଲି, ୨୫/୪ (ସଂ) : ଅଭିଳାଷୀ ଆୟୁର୍ବିଜ୍ଞାନ, ଲକ୍ଷ୍ମଣା ସିଂହେଲି ଓ ରେଣ୍ଡାଲି ସିଂହେଲି ଆୟୁର୍ବେଦରେ ଉତ୍ତରାଧି

Aditya Aluminium's Project AAROGYA Brings Hope to Rural Odisha

Blubanewar, (ENS): Aditya Aluminium, an Aditya Birla Group company, is strengthening rural healthcare through its CSR initiative, Project AAROGYA, at Lapanga in Sambalpur district, Odisha. The project provides comprehensive healthcare to nearby communities through its Community Dispensary "First Aid Centre", "Vision Centre" at Rengali, and Mobile Medical Unit "Swasthya Vahini", offering free consultations, medicines, diagnostic tests, and emergency care.

Speaking about the initiative, Mining Business Head and Sambalpur Cluster Head of Hindalco, Mr. Kailash Pandey, said: "We believe that access to healthcare is fundamental. Project AAROGYA, a comprehensive healthcare ensures timely and affordable medical care reaches even the remotest households. We are proud to support the well-being of the communities we operate in. The Aditya Community Dispensary, situated near SH-10 in

Lapanga, has already benefitted 980+ lives in the current financial year, with a daily footfall by 45-50 villagers from nearby panchayats like Bomaloi and Ghichamura. It offers treatment for common ailments such as respiratory infections, dysentery, hyperacidity, and skin conditions, attended by MBBS doctors, a pharmacist, and support staff.

As a continued effort, two special eye check-up camps are organized every month for the truckers' community, focusing on the early detection of eye problems that could affect safe driving. These camps provide comprehensive eye screenings, counseling, and referrals for corrective measures or treatment, thereby contributing to enhanced road safety. The Vision Centre at Rengali was established in 2023 in partnership with Trilochan Netralay - Vishwanath Foundation. The centre has treated 2,157 patients last year and has conducted 2,280

cataract surgeries since its inception.

Besides, through Swasthya Vahini (Mobile Medical Unit), we provide free primary healthcare to remote villages across six Gram Panchayats, including doorstep care through a qualified medical team, basic diagnostic tests, preventive care, and early intervention to prevent complications, adds Mr Pandey.

The initiative has been praised by the Sambalpur CDMO as a "cost-effective and efficient doorstep healthcare model." Beneficiaries such as 68-year-old Rukmini Devi shared:

The initiative has received strong encomiums from Sambalpur CDMO, highlighting it as a "cost-effective and efficient doorstep healthcare model." Local feedback has been overwhelmingly positive. Rukmini Devi, a 68-year-old beneficiary, shared: "Earlier, I had to wait days to find help. Now I get treatment and medicines close to home—for free."



ସ୍ବାସ୍ଥ୍ୟ ବିଭାଗର ଚାକ୍ଷୁଷ୍ୟ ବୈଠକ

ଯେହାଣି, ୩୦।୧।୧୯୮୧ : ଆଜି ଯେହାଣି ବିପିଟ ବାହାରେରେ ଥାଉଁଥିବା ଶିଖର
 ଯେବନ ବାହାରେରେ ବୁଲୁଥିବା ବାହାରେରେ ବିପିଟ ଅବ



କେନ୍ଦ୍ରୀୟ ବିଦ୍ୟୁତ୍ ବିତରଣ, ବିଦିଆ ଏବଂ ଆର୍ଥିକ ବିକାଶ ଓ ଶେଷବିତରଣ, ଦୁଇଟି କୋଷରୁ ଗଠିତ। ଆଧୁନି

Mitra S. K. Private Limited

Building No.D5, Unit No- 230, Bhumi World Industrial Park,
Mumbai, Nashik Highway, Pimpas Village, Bhiwandi, Near
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TEST REPORT

Name & Address of the Customer :

HINDALCO INDUSTRIES LTD.

(Unit- Aditya Aluminium)

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/402

Date : 03.07.2025

Sample No. : MSKGL/ED/2025-26/06/01515

Sample Description : Ground Water

Sampling Location : Piezometric Borewell-1
(Near Ash Pond)

Date of Sampling : 23.06.2025

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.41
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	140.6
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	28.03
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	16.0
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Fluoride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.12
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.16
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	11.22
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO ₃ in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:3.0)
14.	Phenolic Compounds as C ₆ H ₅ OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO ₄ in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	20.0
17.	Total Hardness as CaCO ₃ in mg/l	200	600	IS 3025 (Part 21)-2013	116.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.01)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
24.	Sodium as Na in mg/l	----	----	APHA 23 rd Edition, 3500 Na B	15.8
25.	Conductivity in us/cm	----	----	APHA 23 rd Edition, 2510B	210.0
26.	Potassium as K in mg/l	----	----	APHA 23 rd Edition, 3500 K B 2017	2.8
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO ₃ in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	72.0

Report Prepared by:



Mitra S. K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of the Customer :**HINDALCO INDUSTRIES LTD.****(Unit- Aditya Aluminium)**

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/403**Date : 03.07.2025****Sample No. : MSKGL/ED/2025-26/06/01515****Sample Description : Ground Water****Sampling Location : Pizometric Borewell-2
(Near Proposed Ash Pond)****Date of Sampling : 23.06.2025**

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement Acceptable Limit	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.38
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	155.4
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	32.03
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	15.4
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.22
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.12
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	10.24
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO ₃ in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:3.0)
14.	Phenolic Compounds as C ₆ H ₅ OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO ₄ in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	22.4
17.	Total Hardness as CaCO ₃ in mg/l	200	600	IS 3025 (Part 21)-2013	122.6
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.005)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
24.	Sodium as Na in mg/l	----	----	APHA 23 rd Edition, 3500 Na B	12.4
25.	Conductivity in us/cm	----	----	APHA 23 rd Edition, 2510B	232.0
26.	Potassium as K in mg/l	----	----	APHA 23 rd Edition, 3500 K B 2017	2.4
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO ₃ in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	70.0

Report Prepared by:

**Mitra S. K. Private Limited**
Authorized Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of the Customer :**HINDALCO INDUSTRIES LTD.****(Unit- Aditya Aluminium)**

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/404**Date : 03.07.2025****Sample No. : MSKGL/ED/2025-26/06/01516****Sample Description : Ground Water****Sampling Location : Pizometric Borewell-3
(Near RR Colony)****Date of Sampling : 23.06.2025**

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement Acceptable Limit	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.42
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	234.5
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	40.04
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	27.0
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.36
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	15.61
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO ₃ in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:3.0)
14.	Phenolic Compounds as C ₆ H ₅ OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO ₄ in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	37.5
17.	Total Hardness as CaCO ₃ in mg/l	200	600	IS 3025 (Part 21)-2013	164.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.005)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
24.	Sodium as Na in mg/l	----	----	APHA 23 rd Edition, 3500 Na B	20.2
25.	Conductivity in us/cm	----	----	APHA 23 rd Edition, 2510B	350.0
26.	Potassium as K in mg/l	----	----	APHA 23 rd Edition, 3500 K B 2017	3.0
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO ₃ in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	98.0

Report Prepared by:

**Mitra S. K. Private Limited****A.K. Kaly**
Authorized Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of the Customer :**HINDALCO INDUSTRIES LTD.****(Unit- Aditya Aluminium)**

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/405**Date : 03.07.2025****Sample No. : MSKGL/ED/2025-26/06/01517****Sample Description : Ground Water****Sampling Location : Pizometric Borewell-4
(Bomaloi Village)****Date of Sampling : 23.06.2025**

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement Acceptable Limit	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.40
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	127.3
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	24.02
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	17.4
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.18
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	10.24
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO3 in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:3.0)
14.	Phenolic Compounds as C6H5OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO4 in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	22.0
17.	Total Hardness as CaCO3 in mg/l	200	600	IS 3025 (Part 21)-2013	92.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.005)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
24.	Sodium as Na in mg/l	----	----	APHA 23 rd Edition, 3500 Na B	16.4
25.	Conductivity in us/cm	----	----	APHA 23 rd Edition, 2510B	190.0
26.	Potassium as K in mg/l	----	----	APHA 23 rd Edition, 3500 K B 2017	2.21
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO3 in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	80.0

Report Prepared by:

**Mitra S. K. Private Limited****A. K. Rath**
Authorized Signatory

Mitra S. K. Private Limited

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LAB. NO. INDENTATION 12004



TEST REPORT

Name & Address of the Customer :

HINDALCO INDUSTRIES LTD.

(Unit- Aditya Aluminium)

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/502

Date : 26.09.2025

Sample No. : MSKGL/ED/2025-26/09/0452

Sample Description : Ground Water

Sampling Location : Piezometric Borewell-1
(Near Ash Pond)

Date of Sampling : 06.09.2025

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rfim: 2012	7.36
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rfim: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rfim:2012	194.7
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rfim: 2014	24.02
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rfim: 2014	8.0
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rfim: 2013	0.37
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rfim: 2014	0.18
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rfim: 2014	8.78
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO3 in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rfim: 2014	0.56
14.	Phenolic Compounds as C6H5OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rfim: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO4 in mg/l	200	400	IS 3025 (Part 24)- 1986 Rfim: 2014	25.0
17.	Total Hardness as CaCO3 in mg/l	200	600	IS 3025 (Part 21)-2013	96.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rfim:2003	BDL(DL:0.01)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
24.	Sodium as Na in mg/l	----	----	APHA 23 rd Edition, 3500 Na B	12.2
25.	Conductivity in us/cm	----	----	APHA 23 rd Edition, 2510B	290.6
26.	Potassium as K in mg/l	----	----	APHA 23 rd Edition, 3500 K B 2017	2.5
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO3 in mg/l	200	600	IS 3025 (Part 23)- 1986 Rfim: 2009	50.2

Report Prepared by: *S.K. Mohanty*



Mitra S. K. Private Limited

A.K. Rath.

Authorized Signatory

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Page 1 of 1

TEST REPORT

Name & Address of the Customer :
HINDALCO INDUSTRIES LTD.
(Unit- Aditya Aluminium)
At/Po: Lapanga , Beside SH-10
Sambalpur , Odisha-768212

Report No. : BBS/503
Date : 26.09.2025
Sample No. : MSKGL/ED/2025-26/09/0453
Sample Description : Ground Water
Sampling Location : Pizometric Borewell-2
(Near Proposed Ash Pond)
Date of Sampling : 06.09.2025

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement Acceptable Limit	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.38
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	140.7
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	13.61
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	12.8
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.11
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.22
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	5.36
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO ₃ in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	0.82
14.	Phenolic Compounds as C ₆ H ₅ OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO ₄ in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	14.6
17.	Total Hardness as CaCO ₃ in mg/l	200	600	IS 3025 (Part 21)-2013	56.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.005)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
24.	Sodium as Na in mg/l	---	---	APHA 23 rd Edition, 3500 Na B	6.4
25.	Conductivity in us/cm	---	---	APHA 23 rd Edition, 2510B	210.0
26.	Potassium as K in mg/l	---	---	APHA 23 rd Edition, 3500 K B 2017	1.9
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO ₃ in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	58.0

Report Prepared by: *S.K. Mohanty*



Mitra S. K. Private Limited
A.K. Path.
Authorized Signatory

Mitra S. K. Private Limited

Building No.D5, Unit No- 230, Bhumi World Industrial Park,
Mumbai, Nashik Highway, Pimpas Village, Bhiwandi, Near
Kalyan Bhiwandi Bypass, Tal - Bhiwandi
Dist. Thane- 421302.
Tel. : 0252 2672352.
Email: mumbailab@mitrask.com
Web : www.mitrask.com



TEST REPORT

Name & Address of the Customer :

HINDALCO INDUSTRIES LTD.

(Unit- Aditya Aluminium)

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/504

Date : 26.09.2025

Sample No. : MSKGL/ED/2025-26/09/0454

Sample Description : Ground Water

Sampling Location : Pizometric Borewell-3
(Near RR Colony)

Date of Sampling : 06.09.2025

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement Acceptable Limit	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.61
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	227.8
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	44.05
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	17.6
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.33
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.19
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	12.2
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO ₃ in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:3.0)
14.	Phenolic Compounds as C ₆ H ₅ OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO ₄ in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	38.6
17.	Total Hardness as CaCO ₃ in mg/l	200	600	IS 3025 (Part 21)-2013	160.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.005)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	RDL(DL:0.005)
24.	Sodium as Na in mg/l	---	---	APHA 23 rd Edition, 3500 Na B	24.2
25.	Conductivity in us/cm	---	---	APHA 23 rd Edition, 2510B	340.0
26.	Potassium as K in mg/l	---	---	APHA 23 rd Edition, 3500 K B 2017	5.5
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO ₃ in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	142.0

Report Prepared by: *S.K. Mohanty*



Mitra S. K. Private Limited

A.K. Rath.
Authorized Signatory

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India.
Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com Website: www.mitrask.com

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Mitra S. K. Private Limited

Building No.D5, Unit No- 230, Bhumi World Industrial Park,
Mumbai, Nashik Highway, Pimpas Village, Bhiwandi, Near
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Dist. Thane- 421302.
Tel. : 0252 2672352.
Email: mumbailab@mitrask.com
Web : www.mitrask.com



TEST REPORT

Name & Address of the Customer :

HINDALCO INDUSTRIES LTD.

(Unit- Aditya Aluminium)

At/Po: Lapanga , Beside SH-10

Sambalpur , Odisha-768212

Report No. : BBS/505

Date : 26.09.2025

Sample No. : MSKGL/ED/2025-26/06/0455

Sample Description : Ground Water

Sampling Location : Pizometric Borewell-4
(Bomaloi Village)

Date of Sampling : 06.09.2025

ANALYSIS RESULT

Organoleptic and Physical Parameters as per IS 10500 : 2012

Sl. No.	Test Parameters	Requirement Acceptable Limit	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH at 26°C	6.5-8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.46
2.	Turbidity in mg/l	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
3.	Total Dissolved Solids as TDS in mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	158.1
4.	Aluminium as Al in mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
5.	Boron as B in mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.05)
6.	Calcium as Ca in mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	20.02
7.	Chloride as Cl in mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	18.6
8.	Copper as Cu in mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
9.	Flouride as F in mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	0.26
10.	Iron as Fe in mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.20
11.	Magnesium as Mg in mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	6.34
12.	Manganese as Mn in mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
13.	Nitrate as NO ₃ in mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:3.0)
14.	Phenolic Compounds as C ₆ H ₅ OH in mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.0001)
15.	Selenium as Se in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
16.	Sulphate as SO ₄ in mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	21.0
17.	Total Hardness as CaCO ₃ in mg/l	200	600	IS 3025 (Part 21)-2013	76.0
18.	Cadmium as Cd in mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
19.	Cyanide as CN in mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986; Rffm:2003	BDL(DL:0.005)
20.	Lead as Pb in mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
21.	Mercury as Hg in mg/l	0.001	No Relaxation	IS 3025(Part 48)-1994	BDL(DL:0.0001)
22.	Arsenic as As in mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
23.	Total Chromium as Cr in mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
24.	Sodium as Na in mg/l	---	---	APHA 23 rd Edition, 3500 Na B	11.0
25.	Conductivity in us/cm	---	---	APHA 23 rd Edition, 2510B	236.0
26.	Potassium as K in mg/l	---	---	APHA 23 rd Edition, 3500 K B 2017	2.5
27.	Zinc as Zn in mg/l	5	15	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
28.	Total Alkalinity as CaCO ₃ in mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	80.0

Report Prepared by: *B. K. Mohanty*



Mitra S. K. Private Limited

A. K. Path.
Authorized Signatory

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India.
Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
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Annexure-5

Ambient Noise Monitoring Report (Apr-25 to Sep-25)									
Sr. No.	Month	Near Raw Water Reservoir		CPP Ash silo		Near Railway Siding		Near Inside Township	
		Day	Night	Day	Night	Day	Night	Day	Night
1	Apr-25	55.4	47.6	53.6	45.1	60.3	46.7	49.6	39.8
2	May-25	56.0	46.8	55.3	45.5	56.0	45.9	50.8	40.5
3	Jun-25	55.2	47.59	56.7	47.68	57.4	48.02	53.5	42.18
4	July-25	55.0	47.1	55.4	51.4	56.2	51.5	52.9	43.2
5	Aug-25	53.9	47.2	54.8	51.5	55.6	52.0	53.0	40.2
6	Sep-25	54.5	48.9	56.0	51.7	56.4	51.8	51.3	42.7
Average in dB (A)		55.00	47.53	55.30	48.81	56.98	49.32	51.85	41.43

Reference: - MoEF&CC Office memorandum F. No. IA3-22/8/2021-1A.III [150512] dated 18/07/2022

Glimpses of Sensitization & Awareness of ban on Single Use Plastic Inside Plant, Township and Nearby Villages



SUP Ban Awareness in RR Colony Ludhapali



SUP Ban Awareness in Ghichamura High School

Reference: - MoEF&CC Office memorandum F. No. IA3-22/8/2021-1A.III [150512] dated 18/07/2022



SUP Ban Awareness in Ludhapali Village



SUP Ban Awareness in Jangala Village



Reference: - MoEF&CC Office memorandum F. No. IA3-22/8/2021-1A.III [150512] dated
18/07/2022

SUP Ban Awareness inside Plant



Date: 25.07.2022

OFFICE ORDER

Subject: Discontinuation of Single Use Plastic ("SUP") items.

Dear Colleague,

As we all know, plastic items are not good for sustainable environment. We are hereby making a conscious effort in accordance with the Plastic Waste Amendment Rule, 2021 to refuse/ reduce the consumption of plastic items, including packaging but wherever unavoidable will be separately binned (whenever rejected), collected and send it to disposal for its proper recycling.

We are regularly creating awareness campaigns for all our employees, family members, vendors and stakeholders to reduce the generation of plastic waste. For safer, healthier and inclusive plant and township for all we hereby prohibit the following plastic items inside the plant and all public building of Aditya Aluminium effective immediately.

1. Thermocol/ Plastic items like plates, cups, glasses, cutlery such as forks, spoons, knives, straws, etc.
2. Barricading strips
3. Plastic Folders
4. Plastic sample bags
5. Mineral Water Bottles
6. Single use plastic bottles for drinking purposes
7. Plastic used for packing of motors/ value.
8. Gift wrapping plastic films
9. Plastic carry bag
10. Plastic or PVC banners (Flex Banners)

Special instructions shall be given to vendors while procuring items to substitute single use plastic packaging with sustainable options. All are requested to cooperate and use alternate biodegradable substitutes.

Thanking You

Yours faithfully

Dr. Vivekanand Mishra
Vice President and HR Head

Hindalco Industries Limited
Aditya Aluminium: At/P.O.: Lapanga - 768 212, District: Sambalpur, Odisha, India
T: +91 663 2536 247 | Fax: +91 663 2536 499 | E: hindalco@adityabirla.com | W: www.hindalco.com
Registered Office: Akura Centre, 1st Floor, B-Wing, Mahakali Caves Road, Andheri (East), Mumbai 400 093
Tel: +91 22 6691 7000 | Fax: +91 22 6691 7001
Corporate ID No.: L27620MH1958PLC031238

Communication to Employee, Workmen and Contactors



ENVIRONMENT POLICY

Effective from: **April 1, 2024**

First Revision: **August 09, 2022**

Second Revision: **February 13, 2024**

Third Revision: **September 11, 2025**

*Placed before the Board of Directors at its meeting held on February 13, 2024, and reviewed/approved thereat.



ENVIRONMENT POLICY

We, at Hindalco Industries Limited, operating across the process chain from mining to semi-fabricated products in non-ferrous metals, will strive to continually improve our environmental performance for sustainable operations and responsible growth globally, by integrating sound environmental systems & practices and Pollution Prevention approach.

To achieve this, we shall:

- Comply with all applicable legal, national, and international environmental requirements, and continually improve performance through a strengthened Environmental Management System.
- For Environmental KPIs, set measurable targets, continuously monitor progress, and assess environmental risks to effectively manage and mitigate impacts on the environment and society.
- Allocate sufficient resources such as organisational structure, technology and funds for implementation of the policy and for regular monitoring of performance.
- Adopt pollution prevention approach for all our processes; enhance material efficiency and achieve high productivity.
- Conserve key resources like (energy, water, raw materials, fuel) through efficient technologies, process improvements and conservation programs.
- Adopt energy-efficient and cleaner technologies aligned with techno-economic viability, regional needs, and growth plans.
- Promote waste minimization through prevention, reduction, reuse, recycling, recovery, and adopt circular economy practices.
- Align with TNFD recommendations by setting site-specific biodiversity targets that progress from No Net Loss¹ towards Net Positive Impact² by 2050.
- Collaborate and engage with employees, regulators, suppliers, contractors, customers, authorized business partners, communities, and other stakeholders to strengthen environmental practices, understand priorities, and address key challenges.
- Adapt environmental performance over life cycle as an important input to the decision-making processes in the organization.
- Raise environmental awareness on identifying and managing the environmental impacts for internal and external stakeholders through training, communication, participation and consultation
- Communicate this policy internally and externally, ensuring transparency on commitments and performance.
- Conduct environmental due diligence before undergoing any mergers and acquisitions.

This policy shall be made available to all employees, suppliers, customers, authorized business partners, community and other stakeholders, as appropriate. The implementation of this policy is the responsibility of respective heads of units with the monitoring and tracking done by the Apex Sustainability Committee under the guidance of the Managing Director.

¹ As defined in Hindalco Biodiversity Policy

² As defined in Hindalco Biodiversity Policy



Letter No: AAP/E&S/EC/2025/ 1338

Date: 04/10/2025

To,
The Director
Ministry of Environment, Forest & Climate Change
Integrated Regional Office
A/3, Chandrashekharapur,
Bhubaneswar – 750 023 (Odisha)

Sub: Advertisement of Environmental Clearance in two local newspapers & copy of the letter submitted to Local bodies/authorities.

Ref: Environment Clearance letter no. J-11011/136/2009-IA-I (I), dated 07/06/2025

Dear Sir,

The Environmental Clearance for proposed expansion of Aditya Aluminium (A Unit of Hindalco Industries Limited), aluminium smelter from 3.8 LTPA to 6.8 LTPA [by addition of 1 LTPA (Recycled metal) & installation of 2 LTPA (Renewable Energy Based 180 Pots)] and Captive Power Plant from 900 MW to 1230 MW [by addition of 180 MW Combined Cycle Power Plant (Gas/ Oil fired) & 150 MW CPP (Coal fired) for Emergency Backup] within the existing plant premises is accorded by the Ministry of Environment & Forests Vide letter no. J-11011/136/2009-IA-I (I), dated 07/06/2025.

As directed, please find enclosed herewith the news clippings of the environmental clearance advertisements published in two daily newspapers i.e. in "The New Indian Express" on 12-06-2025 & "The Samaya" on 12-06-2025 and the copy of the letters submitted by the proponent to local bodies/authorities.

This is for your kind information.

Thanking You

Yours faithfully
For Aditya Aluminium

A handwritten signature in black ink, appearing to read "Jagannath Prasad Nayak".

Jagannath Prasad Nayak
President & Unit Head

Encl:- As stated

Hindalco Industries Limited

Aditya Aluminium : At/P.O.: Lapanga, District : Sambalpur, Odisha, India
T: +91 663 2536 247 | Fax: +91 663 2536 499 | E: hindalco@adityabirla.com | W: www.hindalco.com
Registered Office: 21st Floor, One Unity Center, Senapati Bapat Marg, Prabhadevi, Mumbai - 400013, India
Tel: +91 22 6947 7000 / 6947 7150 | Fax: + 91 22 6947 7001 / 6947 7090
Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/

Date: 09/06/2025

To,
The Sarpanch
Gram Panchayat, Nishanbhanga
Rengali, Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

The clearance pertains to the proposed expansion of the aluminium smelter capacity from 3.8 Lac TPA to 6.8 Lac TPA [including addition of 1 LTPA through recycled metal and installation of 2 LTPA (Renewable Energy-Based 180 Pots)] and enhancement of the Captive Power Plant capacity from 900 MW to 1230 MW [including addition of 180 MW Combined Cycle Power Plant (Gas/Oil fired) and 150 MW Coal-Fired Captive Power Plant for Emergency Backup], all within the existing plant premises.

You are kindly requested to acknowledge the receipt of this communication and take necessary action as per the conditions of the Environmental Clearance. A copy of the EC letter is also available on our website: <https://www.hindalco.com/sustainability/regulatory-compliances>.

Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Receivd
11/06/2025
Sarai Meher
SARPANCH
GP-Nishanbhanga

Jagannath Prasad Nayak
Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter

Hindalco Industries Limited

Aditya Aluminium : At/P.O.: Lapanga, District : Sambalpur, Odisha, India

T: +91 663 2536 247 | Fax: +91 663 2536 499 | E: hindalco@adityabirla.com | W: www.hindalco.com

Registered Office: One International Center, Tower 4, 21st Floor, Senapati Bapat Marg, Prabhadevi, Mumbai 400 013

Tel: +91 22 6691 7000 | Fax: + 91 222 6691 7001

Corporate ID No.: L27020MH1958P1 C011238



Ref. No. AA/E&S/EC/2025/

Date: 09/06/2025

To,

The Sarpanch
Gram Panchayat, Ghichamura
Rengali, Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

The clearance pertains to the proposed expansion of the aluminium smelter capacity from 3.8 Lac TPA to 6.8 Lac TPA [including addition of 1 LTPA through recycled metal and installation of 2 LTPA (Renewable Energy-Based 180 Pots)] and enhancement of the Captive Power Plant capacity from 900 MW to 1230 MW [including addition of 180 MW Combined Cycle Power Plant (Gas/Oil fired) and 150 MW Coal-Fired Captive Power Plant for Emergency Backup], all within the existing plant premises.

You are kindly requested to acknowledge the receipt of this communication and take necessary action as per the conditions of the Environmental Clearance. A copy of the EC letter is also available on our website: <https://www.hindalco.com/sustainability/regulatory-compliances>.

Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter

Hindalco Industries Limited

Aditya Aluminium : At/P.O.: Lapanga, District : Sambalpur, Odisha, India

T: +91 663 2536 247 | Fax: +91 663 2536 499 | E: hindalco@adityabirla.com | W: www.hindalco.com

Registered Office: One International Center, Tower 4, 21st Floor, Senapati Bapat Marg, Prabhadevi, Mumbai 400 013

Tel: +91 22 6691 7000 | Fax: + 91 222 6691 7001

Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/

Date: 09/06/2025

To,

The Sarpanch
Gram Panchayat, Lapanga
Rengali, Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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You are kindly requested to acknowledge the receipt of this communication and take necessary action as per the conditions of the Environmental Clearance. A copy of the EC letter is also available on our website: <https://www.hindalco.com/sustainability/regulatory-compliances>.

Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter

Hindalco Industries Limited

Aditya Aluminium : At/P.O.: Lapanga, District : Sambalpur, Odisha, India
T: +91 663 2536 247 | Fax: +91 663 2536 499 | E: hindalco@adityabirla.com | W: www.hindalco.com
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Tel: +91 22 6947 7000 / 6947 7150 | Fax: + 91 22 6947 7001 / 6947 7090
Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/

Date: 09/06/2025

To,
The Sarpanch
Gram Panchayat, Jangla
Rengali, Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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Thanking you

Yours faithfully,

Rita Biswal

SARPANCH,
G.P. JANGALA
DIST. SAMBALPUR

Received

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Jagannath Prasad Nayak

Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter

Hindalco Industries Limited

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Ref. No. AA/E&S/EC/2025/

Date: 09/06/2025

To,

The Sarpanch
Gram Panchayat, Katarbaga
Rengali, Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Nilambar Ghoshal
Sarpanch
Katarbaga G.P.
Received

Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter



Ref. No. AA/E&S/EC/2025/1269

Date: 09/06/2025

To,
The Chairman
Rengali Block
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Received
Rengali
14-06-25
Block Development Officer
RENGALI

Jagannath Prasad Nayak
Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter

Hindalco Industries Limited

Aditya Aluminium : At/P.O.: Lapanga, District : Sambalpur, Odisha, India
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Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/1265

Date: 09/06/2025

To,
The Divisional Forest Officer
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Recd.
18/6/25
Section Officer,
No. the Divisional Forest Officer
Sambalpur Forest Division
Encl: Copy of EC Letter

Jagannath Prasad Nayak
President & Unit Head

Hindalco Industries Limited

Aditya Aluminium : At/P.O.: Lapanga, District : Sambalpur, Odisha, India
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Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/1266

Date: 09/06/2025

To,

The Regional Officer
Odisha State Pollution Control Board
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)



Encl: Copy of EC Letter


Jagannath Prasad Nayak
President & Unit Head

Hindalco Industries Limited

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Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/ 1267

Date: 09/06/2025

To,
The General Manager
District Industrial Centre
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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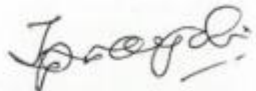
Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)



Encl: Copy of EC Letter


Jagannath Prasad Nayak
President & Unit Head

Hindalco Industries Limited

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Corporate ID No.: L27020MH1958PLC011238



Ref. No. AA/E&S/EC/2025/1268

Date: 09/06/2025

To,

The Chief Development Officer-cum Executive Officer
Zilla Parishad
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

As per the directions issued by the Ministry of Environment, Forest & Climate Change vide their letter No. J-11011/136/2009-IA-I(I), dated 7th June 2025, and in accordance with Clause No. 11.2 under Miscellaneous Conditions of the Environmental Clearance, please find enclosed herewith a copy of the Environment Clearance accorded to Aditya Aluminium (A Unit of M/s Hindalco Industries Limited), At/Po-Lapanga, Block – Rengali, Dist- Sambalpur.

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Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)



Encl: Copy of EC Letter

Jagannath Prasad Nayak
President & Unit Head

Hindalco Industries Limited

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Corporate ID No.: L27020MH1958PLC011238

ADITYA BIRLA



Ref. No. AA/E&S/EC/2025/1270

Date: 09/06/2025

To,

The Chairman
Sambalpur Development Authority
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

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Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)

Jagannath Prasad Nayak
President & Unit Head

Encl: Copy of EC Letter

Hindalco Industries Limited

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Registered Office: 21st Floor, One Unity Center, Senapati Bapat Marg, Prabhadevi, Mumbai - 400013, India

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Corporate ID No.: L27020MH1958PLC011238

M. N. Nayak
06-25
RECEIVED
Principal Corporation
Sambalpur



Ref. No. AA/E&S/EC/2025/1268

Date: 09/06/2025

To,

The Chief Development Officer-cum Executive Officer
Zilla Parishad
Sambalpur

Subject: Submission of Environmental Clearance Copy Accorded by MoEF&CC to Aditya Aluminium

Sir/Madam,

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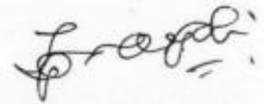
Thanking you

Yours faithfully,

For Aditya Aluminium
(A Unit of M/s. Hindalco Industries Limited)



Encl: Copy of EC Letter


Jagannath Prasad Nayak
President & Unit Head

Hindalco Industries Limited

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