

**Half Yearly Compliance Report
2026
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name	Copper smelter expansion and foil plant		
Name of Entity / Corporate Office	HINDALCO INDUSTRIES LIMITED UNIT BIRLA COPPER		
Village(s)	N/A		
District	BHARUCH		
Proposal No.	J-11011/81/2000-I (A) II (I)	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	GUJARAT	Entity's PAN	*****1201R
MoEF File No.	IGCL/TIC/01	Entity name as per PAN	hindalco industries limited

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	EC compliance report submitted for Oct-25 to March 26
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office HINDALCO INDUSTRIES LIMITED UNIT BIRLA COPPER

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	303.173	303.173
Forest	38.4775	38.4775
Others	N/A	N/A
Total	341.6505	341.6505

Others Area

Sr. no	Other Name	Area Granted	Area Actual
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Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Copper Cathode	Tons per Annum (TPA)	26/01/2032	50,00,000	422253	50,00,000
2	Sulphuric Acid	Tons per Annum (TPA)	26/01/2032	1470000	1128263	1428000
3	Oxygen(Technical)	Tons per Annum (TPA)	26/01/2032	780000	494608	780000
4	Gold	Tons per Annum (TPA)	26/01/2032	26	12.953	26
5	Silver	Tons per Annum (TPA)	26/01/2032	200	126.137	200
6	CC ROD	Tons per Annum (TPA)	26/01/2032	484000	246565	364000
7	Electric Power	Tons per Annum (TPA)	26/01/2032	145.6	74.38	130

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The conditions stipulated by MoEF while according to environmental clearance J-11011/ 07/94-I(A)II (I) dated 14-03-1995 for copper smelter project shall be strictly complied.
<p>PPs Submission: Complied</p> <p>Complied. There are 39 conditions stipulated in environmental clearance issued by the Ministry Vide Letter No. J-11011/ 07/94-I(A)II (I) dated 14-03-1995. The total conditions are complied with</p>		Date: 14/05/2026
2	AIR QUALITY MONITORING AND PRESERVATION	The ambient air quality data around the plant show a declining trend with respect to all the parameters. Procedure of sampling and analysis may be got checked through other referral environmental laboratory for confirmation and the data submitted to the Ministry / GPCB / RO Bhopal for records, within six months.
<p>PPs Submission: Complied</p> <p>Complied. The ambient air quality monitoring is being conducted at four locations through the GPCB MoEFCC approved, NABL-accredited laboratory M/s. Green Leaf Envirotech Ltd. The approval letter from GPCB, CPCB, and the NABL accreditation certificate is attached</p>		Date: 15/05/2026
3	WATER QUALITY MONITORING AND PRESERVATION	The company should utilize the treated effluent to the maximum extent possible for green belt development. However, additional treated effluent or during the rainy season, effluent could be discharged into the deep sea through HDPE pipeline at a point through multiple diffuser system as recommended by the NIO. The treated effluent should confirm to the standards including Bio-Assay test as per the GPCB. The monitoring report should be submitted to

		the ministry regularly.	
		<p>PPs Submission: Complied Complied. The treated effluent conforming to the standards is re utilised for industrial purpose. Additional treated effluent is discharged into the deep sea through a HDPE pipeline having multiple diffuser system at a point lat 21 42 long 72 30 35 as recommended by National Institute of Oceanography, Goa. As per the study carried out by NIO, Goa is no impact on marine aquatic life. The treated effluent conforms to the standards including Bio-Assay test as per the GPCB guidelines. The monitoring report is submitted regularly to GPCB (Monthly) and Ministry (Six months). The quality of treated effluent for the period of Oct-2025 to March-2026 is attached</p>	<p>Date: 14/05/2026</p>
4	WATER QUALITY MONITORING AND PRESERVATION	The company should also set up a separate online fish pond using treated effluent to ensure that the quality of treated effluent discharged into the sea does not have any adverse impact on marine life. The effluent quality at the marine discharge point must also be monitored periodically by an independent agency authorized by CPCB and report of the independent agency should be submitted to the ministry's regional office at Bhopal / CPCB / GPCB.	
		<p>PPs Submission: Complied Complied. Kindly refer point No.3. A separate fishpond has been prepared to ensure the quality of treated effluent We have installed continuous effluent quality monitoring system for real time monitoring of effluent parameter like pH, COD, BOD and TSS at deep sea discharge point link is connected to CPCB server.</p>	<p>Date: 14/05/2026</p>
5	WASTE MANAGEMENT	The industry should develop within three months a new secured landfill sit of disposal of ETP sludge and the hazardous wastes as per the CPCB guidelines. Authorization under the hazardous wastes (Managements & handling) Rules, 2000 from the GPCB should be obtained.	
		<p>PPs Submission: Complied Complied. Hindalco Industries Limited (Unit Birla copper) has developed a secure land fill site for disposal of ETP sludge and the hazardous waste as per the CPCB guidelines. The company has also obtained authorization under the Hazardous other waste (Managements and handling) Rules, 2000 from the GPCB vide letter No GPCB/HAZ/GEN-55(8)/42131 dated. 01.12.2000. The letter is attached as Annexure.</p>	<p>Date: 15/05/2026</p>
6	Human Health Environment	Adequate facilities and safety measures, including protective clothing for personnel working in the critical areas, e.g., in the anode casting area, must be strictly explored. The company should get an occupational health and safety study done through NIOH, Ahmedabad and submit a report to the ministry within one year. The recommendations of the study must be implemented by the company.	
		<p>PPs Submission: Complied Complied. Adequate facilities and safety measures including protective clothing for personnel working in critical areas are implemented. The PPEs given are Helmet Goggles Hand Gloves Gas mask and Aprons. This is strictly implemented in the Anode Casting area The company conducted occupational health and safety study by NIOH Ahmedabad in the year of Feb 2005 and the report is submitted to the Ministry. All the recommendations have been implemented.</p>	<p>Date: 14/05/2026</p>
7	GREENBELT	Green belt of adequate width and density in 36 ha of project area in addition to the 40 ha of area already afforested should be provided to mitigate the effects of fugitive emission all around the plant. The development of green belt along the boundary walls, open space and avenue roads should be as per the CPCB guidelines.	
		<p>PPs Submission: Complied Complied. The green belt is developed all along the periphery of the plant. Existing green belt inside</p>	<p>Date: 15/05/2026</p>

the plant premises covers an area of 123.5 Ha out 341.65 Ha total area having approximately 234947 Nos. of trees and approximately 2000 Nos. of trees planted outside the plant premises near material gate. Selection of plant species is as per CPCB guidelines in consultation with DFO.

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Gujarat State Pollution Control Board.
<p>PPs Submission: Complied Complied. The unit has already obtained valid CCA to carry out the production from Gujarat Pollution Control Board. The unit is complying with the specific condition as well as conditions mentioned under air, water and hazardous waste management by adhering to all the stipulations made by Gujarat Pollution Control Board, State Government and any statutory authority, ensuring regulatory compliance and environmental responsibility. CCA is attached as Annexure</p>		Date: 15/05/2026
2	Statutory compliance	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
<p>PPs Submission: Complied Complied Noted and shall be complied with.</p>		Date: 14/05/2026
3	Statutory compliance	The project authorities must strictly comply with the rules and regulations under Manufacture, storage and import of hazardous chemicals rules, 1989 as amended in October, 1994 and January, 2000. Prior approval from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire safety Inspectorate etc. must be obtained.
<p>PPs Submission: Complied Complied. The company has already obtained the permission from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire safety Inspectorate for Manufacture, storage and import of hazardous chemicals rules, 1989 and amended thereof. The permission obtained from Factories Inspectorate, The Rules and regulations under Manufacture, storage and import of hazardous chemicals rules, 1989 and amended thereof, licenses from Controller of Explosives and Boiler inspectorate permission are attached as Annexure</p>		Date: 15/05/2026
4	Statutory compliance	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of Hazardous wastes in accordance with the Hazardous wastes (management and Handling) Rules, 1989 as amended in January 1994 and in January, 2000. Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.
<p>PPs Submission: Complied Complied. The company has strictly complied with the rules and regulations with regard to handling and disposal of Hazardous wastes in accordance with the Hazardous wastes (management and Handling) Rules, 1989 and amended thereof. The company has already obtained authorization for collections/treatment/storage/disposal of hazardous waste, Under the Hazardous Wastes (Management and Handling) Rules, 2016 granted by GPCB and attached as Annexure. The rules and</p>		Date: 15/05/2026

regulation regarding hazardous waste is followed, hence condition is complied with.		
5	Noise Monitoring & Prevention	The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA rules 1989 viz. 75 dBA (daytime) and 70 (dBA nighttime).
<p>PPs Submission: Complied</p> <p>Complied The overall noise levels in and around the plant is kept well within the standards and the following noise control measures have been undertaken: All the vibrating parts is being checked periodically and serviced to reduce the noise generation. The equipment, which is prone to generate excessive noise, is provided with enclosures etc. To minimize the adverse effects on the health, earmuffs/ear-plugs is being provided to the workers working under high noise area. To reduce the noise generation during the transportation activities; the vehicle is being kept periodically serviced and maintain as per the requirement of latest trend in automobile industry. Only vehicles with PUC's are allowed for the transportation Additionally, ambient noise monitoring is being conducted through the GPCB and MoEFCC approved, NABL accredited laboratory M/s. Green Leaf Envirotech Ltd. The approval letter from GPCB, MoEFCC, and the NABL accreditation certificate is given in specific condition no. 02.</p>		Date: 14/05/2026
6	Human Health Environment	Occupational health surveillance programme should be undertaken as regular exercise for all the employees, specifically for those engaged in handling hazardous substances. The first aid facilities in occupational health center should be strengthened & medical record of each employee should be maintained.
<p>PPs Submission: Complied</p> <p>Complied. The occupational health surveillance of workers is conducted regularly, and records are maintained as per the Factories Act. The company has a structured health monitoring system in place, ensuring periodic medical check-ups and necessary health interventions. Sample Record during Oct 25 to Mar 26 is attached.</p>		Date: 15/05/2026
7	Corporate Environmental Responsibility	The project proponent should have scheme for social upliftment in the surrounding village with reference to contribution in road construction, education of Children, festivals, health centers, sanitation facilities, drinking water supply, community awareness and employment to local people whenever and whenever possible both for technical and non-technical jobs.
<p>PPs Submission: Complied</p> <p>Complied HIL has established a dedicated Corporate Social Responsibility (CSR) cell with specialized personnel to ensure effective planning and execution of CSR initiatives in accordance with Clause 135 of the Companies Act, 2013. The CSR Plan is structured based on the SMART (Specific, Measurable, Achievable, Relevant, and Time bound) concept, ensuring impactful and sustainable development in surrounding villages. The company has implemented a range of CSR activities focusing on health, education, skill development, women empowerment, and infrastructure development. Notable initiatives include Healthcare Regular monthly health camps benefiting local communities. Education Support for schools, including infrastructure enhancement and scholarships. Infrastructure Construction of school buildings, sewage drainage in Lakhigam village, and provision of water supply to Dahej and Lakhigam. Sustainable Livelihood: Training programs aimed at skill development for youth and women empowerment initiatives. A dedicated budget is allocated for CSR activities, and the details of the CSR Plan have been uploaded on the company website and included in the Annual Report.</p>		Date: 14/05/2026
8	Risk Mitigation and Disaster Management	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA and Risk analysis report.

<p>PPs Submission: Complied The project proponent shall comply with all the environmental protection</p>		<p>Date: 14/05/2026</p>
9	Statutory compliance	A separate Environmental Management Cell equipped with full-fledged laboratory Facilities should be set up to carry out the environmental Management and monitoring functions.
<p>PPs Submission: Complied Complied A separate Environmental Management Cell equipped with full-fledged laboratory facilities is set up to carry out the environmental management and monitoring functions. List of equipment and consumable available in the laboratory are as under A full-fledged separate Environmental Laboratory is set up and equipped with all necessary instruments and equipments. Details of Environment lab and organization cell is attached as annexure</p>		<p>Date: 15/05/2026</p>
10	Corporate Environmental Responsibility	The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
<p>PPs Submission: Complied Complied. The requisite funds have been earmarked and utilized towards capital and recurring costs for environmental pollution control measures in accordance with the conditions stipulated by MoEFCC and the State Government. The implementation of these measures has been successfully carried out, ensuring compliance with regulatory requirements.</p>		<p>Date: 14/05/2026</p>
11	Statutory compliance	The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's regional office at Bhopal/State Pollution Control Board / Central Pollution Control Board. A six-monthly compliance status report should be submitted to monitoring agencies.
<p>PPs Submission: Complied Complied The six monthly compliance reports, including monitored environmental data, are being regularly submitted in both hard copies and via e-mail to the Regional Office of MoEFCC the respective Zonal Office of CPCB, and the SPCB. This ensures continued compliance with stipulated environmental conditions The acknowledgement copy of submitted six monthly report for the period of April 2025 to September 2025 is attached</p>		<p>Date: 14/05/2026</p>
12	PUBLIC HEARING	The project proponent should inform the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with the state Pollution Control Board / Committee and may also be seen at website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office.
<p>PPs Submission: Complied Complied The company has published the information regarding obtaining the environment clearance for the aforesaid project in two daily newspapers i e sandesh dtd.13.1.2002 and The Times of India dtd.12.1.2002. A copy of the above letter and a copy of each advertisement was submitted to MoEFCC, New Delhi vide letter No. IGCL/TIC/01 dated 16.01.2002. The condition is complied with</p>		<p>Date: 14/05/2026</p>

Visit Remarks

Last Site Visit Report Date:

07/05/2026

Additional Remarks:

EC compliance for October 23 to March 24 with all annexures attached in additional attachment section

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	J-11011/81/2000-I (A) II (I)
Compliance ID	685394178
Compliance Number(For Tracking)	EC/M/COMPLIANCE/685394178/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	15-05-2026
RO/SRO Name	Shri Satya Prakash Negi
RO/SRO Email	jhk119@ifs.nic.in
State	GUJARAT
RO/SRO Office Address	Integrated Regional Offices, Gandhi Nagar

Note:- SMS and E-Mail has been sent to Shri Satya Prakash Negi, GUJARAT with Notification to Project Proponent.