

MAP/Env/EC-H2/2026-27/ 304

30.05.2026

To,

The Deputy Director General of Forests (C),
Ministry of Env., Forest and Climate Change
Regional Office (WZ), E-5
Kendriya Paryavaran Bhawan, E-5 Arera Colony,
Link Road-3, Ravishankar Nagar, Bhopal-462016

Subject: Half yearly environmental clearance compliance report of Hindalco Industries Limited,
Unit Mahan Aluminium, Village Orgari, Tehsil Bargawan, Singrauli M.P for the period
from October 2025 to March 2026.

Reference:

1. Environment clearance vide letter no. J-11011/217/2007-IA II (I) dated 18th March 2009
2. Environment clearance vide letter no. J-11011/217/2007-IA II (I) dated 15th February 2012 (Amendment)
3. Environment clearance vide letter no. J-11011/217/2007-IA II (I) dated 23rd July 2018, (Amendment)

Respected Sir,

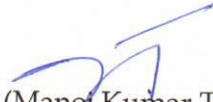
We are herewith submitting half yearly compliance report along with all required annexures of Hindalco Industries Limited, Unit Mahan Aluminium situated at village Orgari, Tehsil-Bargawan, District-Singrauli (MP). The compliance report is for the period from October 2025 to March 2026.

This is for your kind information and necessary records please.

Thanking you,
Yours sincerely

for- Hindalco Industries Limited,

Unit Mahan Aluminium


(Manoj Kumar Tiwari)
(Section Head - Environment)

Cc:

1. The Zonal Head, CPCB, Bhopal
2. The Member Secretary, MPPCB
3. The Regional Officer, MPPCB

Hindalco Industries Limited

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Hindalco Industries Limited, Unit Mahan Aluminium, Bargawan Singrauli (MP):- EC-Compliance

Name of the Project		Integrated Aluminium Smelter Complex (Primary Aluminium production capacity from 3.59 to 3.71 LTPA) Along With Coal Based captive Power Plant of 900 MW along with 1x 150 MW stand by unit
Clearance letter No		J-11011/217/2007-IA II (I), Dated 18th March 2009 , Amended on Dated: 23.07.2018
Period of Compliance Report		October-2025 to March-2026
Sr. No.	CONDITIONS	Compliance Status
1	Additional environmental mitigation measures proposed by project proponent. Inter alia include water sprinkling for dust suppression from Barainiya to Majhigawan junction (2.2 KM with 2 Water tankers of 5 Kl capacity developed per day during day time for 8 hours and 4 trips per tanker); Baragwan police station to Dhaurar (3.3 KM with 3 water tankers of 5 KL capacity deployed per day during day times for 8 hours and 4 trip per tanker); M/s Hindalco will take up with DFO and PWD and others. As appropriate, to initiate plantation of tree in the vulnerable areas at Barainiya to Majhigawan junction (Badokhar Mod) for 2.2 KM with 2750 no of trees and Bargawan Police station to dhaurar for 3.3 KM with 4750 no of trees.	Water tankers had engaged for dust suppression from Barainiya to Majhigawan junction and Baragwan police station to Dhaurar. Presently, Barainiya to Majhigawan junction has been made concrete road, hence tanker has been diverted other area.
3	It was reported that following raw materials and other requirements have been envisaged for the proposed production enhancement. - Alumina Hil will require 23500 MT of additional alumina to meet this enhanced volume. This will be sourced from HIL,s captive alumina plants and import, if required based on business decision. - Power- Existing installed capacity of 900 MW (5x150MW units in operation and 1x150 MW unit as standby) will be sufficient.	The total Alumina consumption during October-2025 to March 2026 is 363316.41 MT, which well within our additional permitted quantity. Power consumption is well within limit

	• Water - No additional requirement. Water consumption will be within the approved limit of 4600 m³/h • Coal - Power Generation will remain within 750 MW and the coal consumption will remain within approved limit of 3.5 MTPA. • Aluminium Fluoride — Plant's Fluoride Consumption will remain within approved limit of 10 kg/MT of Aluminium (CREP Guidelines) • Land - No additional requirement; No Forest Land is involved. • Capital Investment - No additional Capital Investment is needed to meet. This enhanced production capacity. • Manpower - No additional Manpower requirement • Addition of New Equipment – None • Change in Product Portfolio - None. The Product will be Aluminium Ingot, SOWS, Billet and Wire Rod.	Water consumption is within approved limit. During the compliance period, the coal consumption was 0.63268 MT/ MWh of electricity generation. Fluoride consumption is within the approved limit. Presently it is 7.97 Kg/MT Al No additional land is required. No forest land acquired No capital investment is incurred for increased production. No additional Manpower is required. No additional equipment is required for increased production. No change in product portfolio.
4	• It was also reported that the following change in pollution load: • ETP — Since there is no additional requirement of water for this enhanced production capacity, no change in the current ETP capacity: 300 m³/h. • Fluoride Level — Since the increase in production capacity is very marginal (3.6 %), with the existing Gas Treatment Centre, HIL will be able to maintain the Fluoride Emission within approved limit of 0.67 kg/MT, mentioned in the EC.	There will be no increase in pollution load as declared. We are also in process for conducting a study on this by engaging a reputed consultant. No addition in current treatment facility. During the reporting period Fluoride emission level was 0.15 kg F per ton of Aluminium production.

	- PAH Level — No change. Will remain with the approved limit within the Existing Fume Treatment Centre. - Spent Pot Lining — No additional generation as there is no increase in number of Pots.	There is no increase in PAH emission level. PAH is being monitored on monthly basis and report is being submitted to MPPCB. Last submitted report is attached herewith for reference as PAH report No additional Spent pot lining will be generated.																								
5	The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to accord amendment to the Environmental Clearance for increase in the Aluminium metal production from 3.59 LTPA to 3.71 LTPA through process optimization: change in source of fuel for period of 5 years as given below and sale of carbon anode subject to conditions mentioned below: <table><tr><th>Year</th><th>% Allowed Through Road</th><th>% Allowed through Road Via Bina – Anapara – Singrauli-Mahan</th><th>% Allowed via Baikunthpur – Wadhan – Mahan/Shahadol – Sidhi - Mahan</th></tr><tr><td>2017-18</td><td>27 %</td><td>75 %</td><td>25 %</td></tr><tr><td>2018-19</td><td>21 %</td><td>95 %</td><td>5 %</td></tr><tr><td>2019-20</td><td>21 %</td><td>95 %</td><td>5 %</td></tr><tr><td>2020-21</td><td>21 %</td><td>95 %</td><td>5 %</td></tr><tr><td>2021-22</td><td>16 %</td><td>95 %</td><td>5 %</td></tr></table>	Year	% Allowed Through Road	% Allowed through Road Via Bina – Anapara – Singrauli-Mahan	% Allowed via Baikunthpur – Wadhan – Mahan/Shahadol – Sidhi - Mahan	2017-18	27 %	75 %	25 %	2018-19	21 %	95 %	5 %	2019-20	21 %	95 %	5 %	2020-21	21 %	95 %	5 %	2021-22	16 %	95 %	5 %	We are trying our best to achieve the target
Year	% Allowed Through Road	% Allowed through Road Via Bina – Anapara – Singrauli-Mahan	% Allowed via Baikunthpur – Wadhan – Mahan/Shahadol – Sidhi - Mahan																							
2017-18	27 %	75 %	25 %																							
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2021-22	16 %	95 %	5 %																							

Half yearly Coal sources and transportation compliance report of OM No. F. J-13012/8/2009-IA. II (T) Date 11.11.2020 for the period from October 2025 to March 2026.

Reference: OM No. F. J-13012/8/2009-IA. II (T) Date 11.11.2020 and subsequent amendment dated 06.12.2026 and 07.01.2025.

Dear Sir,

With reference to the above subject, we are submitting additional information on coal sources and transportation for your kind information.

1. Coal source and transportation details (October-2025 to March-2026)

Hindalco Industries Limited, Unit-Mahan Aluminum is sourcing coal primarily from northern coalfield limited (NCL), CCL, SECL through linkage agreement and e-auction coal is transported via covered trucks via road and by rail.

NCL													
		Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26	
Sr.no.	Mines	Road (MT)	Rail (MT)	Road (MT)	Rail (MT)	Road (MT)	Rail (MT)	Road (MT)	Rail (MT)	Road (MT)	Rail (MT)	Road (MT)	Rail (MT)
1	Bina	15296		15298		15296		10234		11307		9653	
2	Krishnashila	23168	32214	27193	39573	20944	27130	20673	8049	23033		61540	
3	Dudhichua	17652	67417	18564	82620	15126	57199	13235	32054	19059	15954	30317	40042
4	Jayant	63335	4087	53921	20382	45385	31427	32096	8107	62444	15322	73894	15049
5	Khadiya	10403		10334		10339		10340		10229		9536	
6	Nigahi	72080		78582		31229		13450		30712	23815	35803	
7	Amlori	6298		23700		19194		25807					
8	Jhingurda					9970				8430		11570	
9	Block B		8208		32523		56897					136	8161
10	Kakri												
Total		208231	111926.4	227593	175097	167482	172653	125835	48210	165215	55091	232448	63252
CCL RCR													
Sr.no.	Mines	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26	
1	Amrapali			7691.2		4076.6		12298.8		8157		11785.8	
2	Magadh	23538.8		35017		4027.2				23948.8		3921	
3	Tetariyakhar												
Total		23538.8		42708.2		8103.8		12298.8		32105.8		15706.8	

SECL RCR							
Sr.no.	Mines	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Govinda	7954.8		8431.8		8222.2	
Total		7954.8	0	8431.8	0	8222.2	0