



Ref. No. Env/Six EC-IV/ 014

Date: 23.05.2023

The Deputy Director,
Ministry of Environment Forests and Climate Change
Kendriya Bhawan, 5th Floor
Sector – II, Aliganj
LUCKNOW – (U.P.) – 226 024

Sub: Six monthly compliance status report for Stage IV (Oct.2022 – Mar.2023)

Ref: Your letter No.IV/ENV/UP/THE-18-99-1997/107 dated 31.05.2011

- 1. NAME OF THE PROJECT** : **HINDALCO INDUSTRIES LIMITED
(Renusagar Power Division)**
2. CLEARANCE LETTER NO. : J-13011/6/931A.II Dt.01.03.1995 (Stage-IV)
3. PROJECT CODE : UP-18-99-1997
4. TIME PERIOD : October 2022 to March 2023

Dear Sir,

As desired, please find below the status of our Environmental Clearance conditions stated for expansion stage IV: -

Specific Conditions:

S.N.	EC Conditions	Compliance Status
1	All the conditions stipulated by the State Pollution Control Board shall be implemented effectively.	We have implemented all the NOC conditions stipulated by UPPCB by letter No.3535/C-2/NOC/Renusagar Power/2991 dated 13.06.1994 for stage-IV. With regards to point no.2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,18,&21 we had already informed you on status vide our letter No.P7IR/HRD/240/25515 dated 15.01.2002 <u>PonitNo.15</u> -The main Dam was commissioned on 28 th September,2004. <u>PonitNo.19</u> -Environmental Statement is sent before 30 th September every year. Copy is attached in Annexure-1 <u>PonitNo.20</u> -Policy under Public Liability Insurance PolicyAct-1991 has been granted period 01-05-2022 to 30-04-2023. Copy is attached as Annexure-2. <u>PonitNo.22</u> - Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016. The authorization shall be valid for a period of 08/07/2026. Copy is attached in Annexure-3
2	MoEF Condition No.2,3,5,6,7,10,11,12,14,15,&17	Yes, we have complied and status submitted vide our letter No. P&IR/1616 dated March 8,2002.

Hindalco Industries Limited

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Registered Office: Ahura Centre, 1st Floor, B Wing, Mahakali Caves Road, Andheri (East), Mumbai 400 093
T: +91 22 6691 7000 | Fax: 91 22 6691 7001
Corporate ID No.: L27020MH1958PLC011238

9	Liquid effluent shall be treated to conform to the prescribed standard before discharge to Rihand Lake	<p>We are not discharging liquid effluents to Rihand lake at all. We have evolved recycling system and reuse of entire domestic and industrial treated effluents, ensure zero discharge to Rihand lake. Our ETP and STP Plant are working well and treated effluents are well within prescribed norm. Approved Third party report of treated effluents for dated 13.02.2023 is given as under & report is attached in Annexure-4.</p> <table border="1" data-bbox="767 555 1485 842"> <thead> <tr> <th>Sl. No.</th> <th>Para meter</th> <th>Unit</th> <th>ETP outlet</th> <th>STP Outlet</th> <th>AWTP Outlet</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>pH</td> <td></td> <td>7.41</td> <td>7.42</td> <td>7.51</td> </tr> <tr> <td>2</td> <td>BOD</td> <td>mg/l</td> <td>22.0</td> <td>24.0</td> <td>20.0</td> </tr> <tr> <td>3</td> <td>COD</td> <td>mg/l</td> <td>140.0</td> <td>80.0</td> <td>110.0</td> </tr> <tr> <td>4</td> <td>Oil/grease</td> <td>mg/l</td> <td>4.0</td> <td>2.4</td> <td><2.0</td> </tr> <tr> <td>5</td> <td>Fluoride</td> <td>mg/l</td> <td>0.87</td> <td>0.86</td> <td>0.95</td> </tr> </tbody> </table>	Sl. No.	Para meter	Unit	ETP outlet	STP Outlet	AWTP Outlet	1	pH		7.41	7.42	7.51	2	BOD	mg/l	22.0	24.0	20.0	3	COD	mg/l	140.0	80.0	110.0	4	Oil/grease	mg/l	4.0	2.4	<2.0	5	Fluoride	mg/l	0.87	0.86	0.95
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18	Separate funds should be allotted for implementation of environmental protection measures along with item wise break-up. The cost should be included as part of the project cost. The funds earmarked for the environment protection measures should not be diverted for other purpose and year wise expenditure should be reported to this ministry.	<p>We have incurred an amount of Rs. 39638.073 lac up to 5 units. For Units 6&7 (Stage-IV): Rs.6018.601 lac For 8th Unit (Stage-V): Rs.12877.580 lac For units 9&10(Stage-VI): Rs. 8334.822 lac. Total expenditure incurred so far on all the 10 Units was Rs. 66869.076 lac as on March, 2023.Detailed up to date expenditure is attached in Annexure-5.</p>																																				

General Conditions:

S.N.	EC Conditions	Compliance Status																	
4	Air Quality Monitoring should be carried out regularly around the power plant and records maintained. Periodic report on air quality (six monthly) may be submitted to this Ministry.	<p>Air quality is being monitored regularly around the power plant, records are maintained. Periodic report (six monthly) is being sent to Ministry of Environment Forest and Climate Change, Regional Office, Lucknow. Approved Third party report for dated 07 - 11/02/2023 is given in Table below. The report clearly indicates that all parameters are within the prescribed limits. Report is attached in Annexure-6.</p> <table border="1" data-bbox="735 1731 1501 2038"> <thead> <tr> <th>Source</th> <th>Para meter</th> <th>Unit</th> <th>Average Value.</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Ambient Air Quality.</td> <td>PM2.5</td> <td>µg/m³</td> <td>29.50</td> </tr> <tr> <td>PM10</td> <td>µg/m³</td> <td>55.10</td> </tr> <tr> <td>SO₂</td> <td>µg/m³</td> <td>26.30</td> </tr> <tr> <td>NO₂</td> <td>µg/m³</td> <td>22.90</td> </tr> </tbody> </table>	Source	Para meter	Unit	Average Value.	Ambient Air Quality.	PM2.5	µg/m ³	29.50	PM10	µg/m ³	55.10	SO ₂	µg/m ³	26.30	NO ₂	µg/m ³	22.90
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		Stack Emission.	PM	mg/Nm ³	87.05
8.	Workers in the high noise area will be provided with ear protection devices.	Workers in the noise area have been provided with ear protection devices.			
13	Besides compensatory afforestation, development of green belt of adequate width with carefully selected species shall be developing all around the Power Plant.	Green Belt all around the Plant, Colony & Ash disposal area has been developed and tree plantation has been done in the areas as per the plan. Apart from this, voluntary Afforestation is a regular feature at Renusagar. 34.15 % of total area has been developed as green belt. Plantation report for the period of Oct.2022 to Mar.2023 is attached in Annexure-7			
16	Regional office of the ministry located in Lucknow will monitor the implementation of the stipulated condition	Director from the Regional Office, (North Region), Lucknow, Ministry of Environment, Forests and Climate Change visits our plant from time to time.			

We hope, you will kindly find the same in order.

Thanking you and assuring you of our best co-operation at all times.

Yours faithfully,
For HINDALCO INDUSTRIES LIMITED
(Renusagar Power Division)



(Kamlesh Maurya)
Head-Environment