



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

Date: 25.05.2021

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

Registered**Sub: Six monthly compliance status report for Stage IV (Oct.20 – Mar.21)**

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-13011/6/93IA.II Dt.01.03.1995 (Stage-IV) |
| 3. PROJECT CODE | : UP-18-99-1997 |
| 4. TIME PERIOD | : October 2020 TO March 2021 |

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.P71R/HRD/240/25515 dated 15.01.2002 PonitNo.15 -The main Dam was commissioned on 28 th September,2004. PonitNo.19 -Environmental Statement is sent before 30 th September every year. Copy is attached in Annexure-1 PonitNo.20 -Policy under Public Liability Insurance Policy Act-1991 has been granted for May 2020 to April 2021. Copy is attached as Annexure-2. PonitNo.22 -The authorization has been granted under The Hazardous Waste(Management, Handling & Trans boundary Movement)Rules,2008 vide letter No.F-8509/C-2/Haz/09 dated 04/08/16 valid up to 03/08/2021.Copy is attached in Annexure-3
2	MoEFCC Condition	Yes, we have complied and status submitted vide our

Hindalco Industries Limited

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Corporate ID No. : L27020MH1958PLC011238

9	<p>No.2,3,5,6,7,10,11,12,14,15,&17</p> <p>Liquid effluent shall be treated to conform to the prescribed standard before discharge to Rihand Lake</p>	<p>letter No. P&IR/1616 dated March 8,2002.</p> <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 10.03.2021 is given as under & report is attached in Annexure-4.</p> <table border="1" data-bbox="730 654 1378 922"> <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>7.60</td> <td>7.50</td> <td>7.40</td> </tr> <tr> <td>2</td> <td>BOD</td> <td>mg/l</td> <td>18.4</td> <td>22.0</td> <td>20.0</td> </tr> <tr> <td>3</td> <td>COD</td> <td>mg/l</td> <td>74.0</td> <td>64.0</td> <td>90.0</td> </tr> <tr> <td>4</td> <td>Oil/grease</td> <td>mg/l</td> <td>1.8</td> <td>1.8</td> <td>2.8</td> </tr> <tr> <td>5</td> <td>Fluoride</td> <td>mg/l</td> <td>1.6</td> <td>1.2</td> <td>1.4</td> </tr> </tbody> </table>	Sl. No.	Para meter	Unit	ETP outlet	STP Outlet	AWTP Outlet	1	pH		7.60	7.50	7.40	2	BOD	mg/l	18.4	22.0	20.0	3	COD	mg/l	74.0	64.0	90.0	4	Oil/grease	mg/l	1.8	1.8	2.8	5	Fluoride	mg/l	1.6	1.2	1.4
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18	<p>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>	<p>We have incurred an amount of Rs. 38036.523 lac up to 5 units.</p> <p>For Units 6&7 (Stage-IV): Rs.5377.981 lac</p> <p>For 8th Unit (Stage-V): Rs.12557.270 lac</p> <p>For units 9&10(Stage-VI): Rs. 7694.202 lac.</p> <p>Total expenditure incurred so far on all the 10 Units was Rs. 63665.977 lac as on March, 2020. Detailed up to date Expenditure is attached in Annexure-5!</p>																																				

General Conditions:

S.N.	EC Conditions	Compliance Status																	
4	<p>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>	<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 08 - 10/03/2021 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="692 1720 1353 1980"> <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>36.3</td> </tr> <tr> <td>PM10</td> <td>µg/m3</td> <td>67.7</td> </tr> <tr> <td>SO2</td> <td>µg/m3</td> <td>25.2</td> </tr> <tr> <td>NO2</td> <td>µg/m3</td> <td>27.4</td> </tr> </tbody> </table>	Source	Para meter	Unit	Average Value.	Ambient Air Quality.	PM2.5	µg/m3	36.3	PM10	µg/m3	67.7	SO2	µg/m3	25.2	NO2	µg/m3	27.4
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Stack Emission.	PM	mg/Nm ³	92.570
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 Renuagar. 34.15 % of total area has been developed as green belt. Plantation report for period of Oct20 to March2021 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. Recently Scientist -C, MoEFCC, Lucknow has inspected the implementation for stipulated conditions and progress of our project.		

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
(Renuagar Power Division)



(Kamlesh Maurya)

Assistant Manager-Environment