

Apur/Air/R/Aug 2017/1125/05/8/2017



## REGIONAL OFFICE

## CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Bank Colony, Behind B.T.I., Nawapara, Ambikapur (C.G.) Fax/Phone 07774-231936

No. 834 /RO/TS/CECB/2017  
To,

Ambikapur, Dt. 05/8/2017

M/s Hindalco Industries Limited,  
(Kudag Bauxite Mine)  
Village- Kudag, Tehsil - Samri,  
District - Balrampur-Ramanujanj (C.G.)

Subject : Renewal of consent of the board under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

Ref. : Your online application no. 486480 dated 21/07/2017 and subsequent correspondence ending dated 04/08/2017.

With reference to your above, application consent and license are hereby renewed for a period of Five years i.e. from 01/12/2017 to 30/11/2022 with the terms and conditions incorporated in the consent issued by Board Office letter No. 6884/TS/CECB/2007, Raipur, dated 24/12/2007, subsequent renewal of consent issued by Board and additional condition mentioned below:-

NAME	PRODUCTION CAPACITY
Mining of Bauxite Ore	0.6 Lakhs T./Annum (Zero point Six Lakhs Tones Per Annum)

**Additional Conditions:**

1. The Industry shall operate & maintain the air pollution control system effectively & regularly. Effective steps shall be taken to control fugitive dust emission. Fixed type automatic water sprinkling system shall be installed at haul roads/other roads, ore stock yard etc. Dust suppression system (water sprinkling arrangement) shall be made more effective to ensure ambient air quality within prescribed limit in and around the mine area all the time.
2. Regular monitoring for the measurement of air pollutants level in ambient shall be carried out. Industry shall submit air quality monitoring reports to the Board regularly.
3. Industry shall ensure safe and scientific arrangement for disposal of all solid wastes. Excavated area shall be reclaimed scientifically.
4. All internal roads shall be made pucca & shall be maintained properly. Dust, muck & sludge generated due to transportation on the road shall be cleaned and disposed off properly. Industry shall maintain good house keeping within mine lease area. Industry shall ensure the transportation of ore in duly covered vehicles.
5. Industry shall use fly ash based products in their construction/ repairing activities.
6. Wide green belt of broad leaf local species shall be developed all along the mine lease area. As far as possible maximum area of open spaces shall be utilized for plantation purposes.
7. Industry shall submit Environment statement to the Board as per provision of Environmental (Protection) Amendment Rule, 1993 for the previous year ending 31<sup>st</sup> March on or before 30<sup>th</sup> September every year.
8. Chhattisgarh Environment Conservation Board reserves the rights to revoke the Consent at any time for any violation/non-compliance.

Please acknowledge the receipt of this letter.

For and on behalf of  
CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Regional Officer,

Chhattisgarh Environment Conservation Board,  
Ambikapur

Hindalco Industries Ltd.  
Samri Mines Division  
Distt. Balrampur (C.G.)

Date: 7/8/17 (123)

Received by: [Signature]

[Signature]  
Agent of Mines  
Samri Mines Division  
Hindalco Industries Ltd

Apur/water/R/Aug 2017/ 1125/05/8/2017



## REGIONAL OFFICE

### CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Bank Colony, Behind B.T.I., Nawapara, Ambikapur (C.G.) Fax/Phone 07774-231936

No. 833/RO/TS/CECB/2017

Ambikapur, Dt. 05/8/2017

To,

M/s Hindalco Industries Limited,  
(Kudag Bauxite Mine)  
Village- Kudag, Tehsil - Samri,  
District - Balrampur-Ramanujanj (C.G.)

Subject : Renewal of consent of the board under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974.

Ref. : Your online application no. 486480 dated 21/07/2017 and subsequent correspondence ending dated 04/08/2017.

With reference to your above, application consent and license are hereby renewed for a period of Five years i.e. from 01/12/2017 to 30/11/2022 with the terms and conditions incorporated in the consent issued by Board Office letter No. 6880/TS/CECB/2007, Raipur, dated 24/12/2007, subsequent renewal of consent issued by Board and additional condition mentioned below:-

NAME	PRODUCTION CAPACITY
Mining of Bauxite Ore	0.6 Lakhs T./Annum (Zero point Six Lakhs Tones Per Annum)

#### Additional Conditions:

1. Industry shall operate and maintain the effluent treatment system effectively and regularly. Industry shall ensure treated effluent quality within the standards prescribed by Board published in Gazette Notification dated 25.03.1988. Treated effluent shall be used for dust suppression, domestic use, irrigation, other useful purposes etc. Industry shall not discharge any treated/untreated effluent into the river or any other surface water bodies. No effluent shall be discharged outside of the mine premises in any circumstances; hence zero discharge condition shall be maintained all the time; failing which, this renewal of consent may be cancelled.
2. Industry shall ensure safe and scientific arrangement for disposal of all solid wastes. Excavated area shall be reclaimed scientifically.
3. All internal roads shall be made pucca & shall be maintained properly. Dust, muck & sludge generated due to transportation on the road shall be cleaned and disposed off properly. Industry shall maintain good house keeping within mine lease area. Industry shall ensure the transportation of ore in duly covered vehicles.
4. Industry shall use fly ash based products in their construction/ repairing activities.
5. Industry shall submit monitoring report of effluent regularly.
6. Wide green belt of broad leaf local species shall be developed all along the mine lease area. As far as possible maximum area of open spaces shall be utilized for plantation purposes.
7. Provision of water harvesting system should be provided in the industry premises.
8. Industry shall submit Environment statement to the Board as per provision of Environmental (Protection) Amendment Rule, 1993 for the previous year ending 31<sup>st</sup> March on or before 30<sup>th</sup> September every year.
9. Chhattisgarh Environment Conservation Board reserves the rights to revoke the Consent at any time for any violation/non-compliance.

Please acknowledge the receipt of this letter.

For and on behalf of  
CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Regional Officer

Chhattisgarh Environment Conservation Board,  
Ambikapur

Hindalco Industries Ltd.  
Samri Mines Division  
Distt. Balrampur (C.G.)

Date: 7/8/17 (12-2)

Received by: [Signature]

Agent of Mines

Samri Mines Division  
Hindalco Industries Ltd

**Lease wise Production 2018-19 (From Oct. 2018 to March 2019)**

<b>Lease</b>	<b>Production (MT)</b>
Samri	208580.000
Kudag	34840.000
Tatijharia	175950.000
<b>Total</b>	<b>419370.000</b>

**Lease wise Production 2018-19**

<b>Lease</b>	<b>Production (MT)</b>
Samri	418555.000
Kudag	55915.000
Tatijharia	385665.000
<b>Total</b>	<b>860135.000</b>



**Agent of Mines**  
Samri Mines Division  
Hindalco Industries Ltd

**Lease wise Mined out, Reclaim Area & Afforestation- 2018-19**

(From Oct. 2018 to March 2019)

Lease	Mined Out Area (Hact.)	Reclaimed Area (Hact.)	Nos. of Sapling	Area of Sapling (Hact.)
Samri	5.159	7.364	0	0.000
Kudag	1.140	2.266	1730	0.690
Tatijharia	6.928	12.491	700	0.290
<b>Total</b>	<b>13.227</b>	<b>22.121</b>	<b>2430</b>	<b>0.980</b>

**Lease wise Mined out, Reclaim Area & Afforestation- 2018-19**

Lease	Mined Out Area (Hact.)	Reclaimed Area (Hact.)	Nos. of Sapling	Area of Sapling (Hact.)
Samri	11.464	7.715	19730	7.900
Kudag	2.050	2.366	2780	1.110
Tatijharia	13.240	14.765	19967	7.990
<b>Total</b>	<b>26.754</b>	<b>24.846</b>	<b>42477</b>	<b>17.000</b>



**Agent of Mines**  
Samri Mines Division  
Hindalco Industries Ltd

**Actual Expenditure incurred in Environment Management Plan:-**

Total cost incurred for protection of environment in Samri, Tatijharia & Kudag Bauxite mine of Hindalco Industries Ltd. of Chhattisgarh state during the Second half period of F.Y. 2018-19 (October 2018 to March 2019).

S.No.	Environmental Protection measure	Actual Cost (Lac) F.Y. 2018-19 (October 2018 to March 2019)
1	Pollution Control	0.92
2	Environment Monitoring	4.19
3	Green Belt	7.20
4	Occupational Health monitoring	4.61
5	Expenditure on making of revenue forest pillar	13.58
6	Reclamation/ Rehabilitation on mined out area (Samri- 7.364 ha., Tatijharia- 12.491 Ha., Kudag- 2.266 Ha., Total – 22.121 Ha.)	66.36
<b>Total</b>		<b>96.86</b>

- Environment monitoring jobs has been out sourced to Annacon Lab, recognized by MoEF (GOI) & NABL etc.
- One centralized nursery has been established at Samri mines for, Samri, Tatijharia & Kudag lease.
- Reclamation of mined out land has been out sourced along with production. Average cost of reclamation considered @ 3.00 Lac per ha.



**Agent of Mines**  
Samri Mines Division  
Hindalco Industries Ltd