



Date: 30/04/2021

The Additional PCCF,  
Ministry of Environment, Forests & Climate Change  
Regional office (West Central Zone),  
Ground Floor, East Wing,  
"New Secretary Building"  
Civil lines, Nagpur - 440001

**Subject: Compliance Status of Environment Clearance No. J-11015/23/2011-IA-II (M) conditions for Mogalgad Bauxite Mining Project of M/s. Hindalco Industries Limited., Village Mogalgad, Chandgad Taluka, District Kolhapur, Maharashtra, 9.05 Ha., 0.1 MTPA (Mine lease area: 7.5 Ha., Approach road:1.55 Ha.)**

Dear Sir,

The Environment Clearance granted to **Mogalgad Bauxite Mines** on 6th of January 2014 vide clearance **No J-11015/23/2011-IA-II (M)** under EIA 2006.

The compliance for the 6 months duration (**October-2020 to March-2021**) against the conditions laid down in the Environment Clearance is attached herewith. In this regard, please be informed that, the mining operations at our Mogalgad Bauxite Mine has not yet started as we are yet to get stage-II forest clearance.

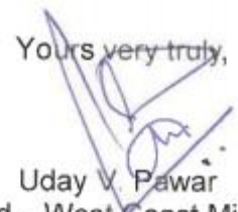
Hope, you will please find the above in order.

Thanking you,

Encl. A/a

Copy to:

1. The Member Secretary,  
Central Pollution Control Board,  
Parivesh Bhavan, East Arjun Nagar,  
DELHI - 110032
2. The Regional Officer  
Maharashtra Pollution Control Board  
Udyog Bhawan, KOLHAPUR.

Yours very truly,  
  
Uday V. Pawar  
Head – West Coast Mines  
Hindalco Industries Limited

**Hindalco Industries Limited**

Durgmanwadi Mines : PO Radhanagari – 416 212 Dist. Kolhapur, Maharashtra, T.:+91 02321 202072, 202178/133,  
Kolhapur Office : T:+91 0231 2661458, 2666621, 2021461, 2021462

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**COMPLIANCE STATUS OF  
ENVIRONMENTAL CLEARANCE CONDITIONS  
Environment Clearance Mogalgad Bauxite Mine granted on 6<sup>th</sup> of January 2014  
vide clearance No J-11015/23/2011-IA-II (M)**

Sr.No.	Conditions	Compliance
<b>Specific Conditions :-</b>		
i)	All the conditions stipulated by the State Pollution Control Board in their NOC shall be effectively implemented.	<p>Mining operations at our Mogalgad Bauxite Mine has not yet started as we are yet to get stage-II forest clearance.</p> <p>We will implement All the conditions stipulated by the State Pollution Control Board in their NOC effectively, once our mining activities get started at our Mogalgad Bauxite Mine.</p>
ii)	Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.	As mentioned above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.
iii)	10-15% of plantation/green belt should be of endemic/ endangered species, for which a nursery shall be set up.	<p>As mentioned above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
iv)	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. Prior approval of the Ministry of Environment & Forests and Central Ground Water Authority shall be obtained for mining below water table.	<p>Noted.</p> <p>As mentioned above we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p>
v)	The project proponent shall ensure that no natural watercourse shall be obstructed due to any mining operations.	<p>Noted.</p> <p>As mentioned above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p>
vi)	Top soil should be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.	<p>Noted.</p> <p>As mentioned above we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>

vii)	<p>The entire waste generated shall be backfilled and there shall be no external over burden dump left at the end of the mine life. The entire backfilled area of 7.67 ha shall be reclaimed by plantation. The back filling should be carried out in such a manner that it is restored to the normal ground level. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment &amp; Forests and its Regional Office, Bhopal on six monthly basis.</p>	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
viii)	<p>Catch drains and siltation ponds of appropriate size should be constructed for the working pit, temporary OB dumps, if any and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.</p> <p>Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and tempo-rary dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.</p>	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
ix)	<p>Dimension of the retaining wall at the toe of temporary dumps and OB benches within the mine to check run-off and siltation should be based on the rain fall data.</p>	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>

x)	Plantation shall be raised in an area of 4.91 ha including a 7.5m wide green belt in the safety zone around the mining lease by planting the native species around ML area, backfilled and reclaimed area, around water body, roads etc. in consultation with the local DFO /Agriculture Department. The density of the trees should be around 2500 plants per ha.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
xi)	Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Noted.  As mentioned above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
xii)	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	Noted.  As mentioned earlier, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
xiii)	Regular monitoring of ground water level and quality should be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year i.e. January, April-May, August, November and the data thus collected may be sent regularly to Ministry of Environment and Forests, its Regional Office, Bhopal; Central Ground Water Authority and Central Ground Water Board.	Noted.  As mentioned above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
xiv)	The project authorities should obtain prior approval of the competent authority for drawl of groundwater if any, required for the project.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.

xv)	Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles should be covered with a tarpaulin and shall not be overloaded.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
xvi)	Blasting operation should be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
xvii)	Drills shall either be operated with dust extractors or equipped with water injection system.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
xviii )	Consent to operate should be obtained from SPCB before starting production from the mine.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will obtain consent to operate from SPCB before starting production from the mine.</p>
xix)	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will submit the Final Mine Closure Plan along with details of Corpus Fund to the Ministry of Environment &amp; Forests 5 years in advance of final mine closure for approval.</p>

<b>B</b>	<b>General Conditions.</b>	
i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	Noted and agreed.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.
ii)	No change in the calendar plan including excavation, quantum of mineral bauxite and waste should be made.	Noted and agreed.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.
iii)	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for PM10, SO <sub>2</sub> & NO <sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
iv)	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
v)	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
vi)	Industrial wastewater (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of effluents from workshop.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.

vii)	Personnel working industry areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
viii)	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
ix)	A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior Executive, who will report directly to the Head of the organization.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
x)	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purposes. Year-wise expenditure should be reported to the Ministry and its Regional Office located at Bhopal.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.</p>
xi)	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The Project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing requisite data/ information / monitoring reports.	<p>Noted.</p> <p>As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.</p> <p>We will extend our full cooperation to the officer(s) of the Regional Office as when required by furnishing requisite data/ information / monitoring reports.</p>

xii)	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhopal, Central Pollution Control Board and State Pollution Control Board.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We have noted the contents of your letter having F. No. EC-1139/RON/2020-NGP/6968, Dated: 31-July-2020, which is received by us only on 08-August-2020., here onwards we will submit six monthly report on the status of the implementation of the stipulated environmental safeguards
xiii)	A copy of the clearance letter will be marked to the concerned Panchayat / local NGO, if any, from whom suggestions/ representation has been received while processing the proposal.	A copy of the clearance letter were marked to the concerned Panchayats on 15/01/2014.
xiv)	Action plan submitted with budgetary provisions on issues raised during Public Hearing should be implemented.	Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will start complying once our mining activities get started at our Mogalgad Bauxite Mine.
xv)	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Agreed and Noted.  As informed above, we have not yet started mining operations at our Mogalgad Bauxite Mine due to want of stage-II forest clearance.  We will inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
xvi)	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's/Tehsildar's Office for 30 days.	Agreed and Noted.
xvii)	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the	The advertisement was published in the local daily newspapers "Tarun Bharat" & "Pudhari" on 11/01/2014.



<p>vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> and a copy of the same should be forwarded to the Regional Office of this Ministry located Bhopal.</p>	
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