

**Half Yearly Compliance Report****2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

<b>Proposal Name</b>	Boria Tibbu Iron Ore Mine of M/s Godawari Power and Ispat Ltd at village Boria Tibbu, Tehsil Mohala in district Rajnandgaon in Chhattisgarh		
<b>Name of Entity / Corporate Office</b>	Boria Tibbu Iron Ore Mines of M/s Godawari Power & Ispat Limited		
<b>Village(s)</b>	N/A		
<b>District</b>	RAJNANDGAON		
<b>Proposal No.</b>	IA/CG/MIN/30993/2007	<b>Category</b>	Non-Coal Mining
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	CHHATTISGARH	<b>Entity's PAN</b>	*****7568H
<b>MoEF File No.</b>	J-11015/208/2006-IA.II(M)	<b>Entity name as per PAN</b>	ARDENT STEEL LIMITED

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	Submission of six monthly compliance report for the period of April, 2024 to Sep, 2024 of EC granted vide no. J-11015-208-2006-IA II(M) dated 31.01.2007 and its amendment dated 15.10.2015
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)

**Details of Production and Project Area**

**Name of Entity / Corporate Office** Boria Tibbu Iron Ore Mines of M/s Godawari Power & Ispat Limited

	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	0	0
Revenue Land	0	0
Forest	110.0	110.0
Others	0	0
<b>Total</b>	<b>110</b>	<b>110</b>

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Iron Ore Mine	Tons per Annum (TPA)	20/04/2025	705000	190479.75	705000
2	Iron Ore	Tons per Annum (TPA)	20/04/2025	705000	0	705000

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	GREENBELT	Plantation shall be raised in an area of 75.10 ha including green belt of adequate width by planting the native species around the ML area, roads, OB dump sites etc. in consultation with the local DFO /Agriculture Department. The density of the trees shall be around 2000 plants per ha.
<p><b>PPs Submission:</b> Being Complied</p> <p>A greenbelt of native species is being developed, total 51826 Nos. of saplings have been planted including Gap filling in place of perished sapling covering in an area of 16.81 ha. inside the mining lease area. In addition to above, 26000 nos. of saplings have been planted outside road covering 25KM side areas of the mining lease area The density of existing plantation is around 2500 plants per ha.</p>		Date: 07/01/2025
2	LAND RECLAMATION	Top soil shall be stacked properly with proper slope with adequate safeguards and shall be back filled for reclamation and rehabilitation of mined out area.
<p><b>PPs Submission:</b> Being Complied</p> <p>At present top soil generation is nil. However, topsoil generated in future will be stacked separately and will be utilized for plantation purpose.</p>		Date: 07/01/2025
3	WASTE MANAGEMENT	Over burden shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 mt. each stage shall preferably be of 10 m and over all slope of the dump shall not exceed 28°. The mine pit area shall be reclaimed by back filling the OB in a phased manner. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly bases.
<p><b>PPs Submission:</b> Being Complied</p> <p>The Over Burden (OB) generated during mining operation is being dumped at earmarked dump site and phase-wise stabilization of OB dump is under process. Plantation of native species have been carried out in inactive terraces of OB Dumps.</p>		Date: 07/01/2025
4	WATER QUALITY MONITORING AND PRESERVATION	Garland drains shall be constructed to arrest silt and sediment flows from soil and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de-silted particularly after monsoon and maintained properly. Garland drains (size, gradient and length ) shall be constructed for both mine pit and for waste

		dump and sump capacity shall 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 shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at corners of the garland drains and de-silted at regular intervals.
<p><b>PPs Submission:</b> Being Complied</p> <p>Garland drains in and around the OB dump and mineral dumps have been established. Drains are interconnected with series of siltation ponds to arrest the silts and sediments of surface run off. Garland drains around mine pit have been also constructed for maximum discharge of rainfall in the adjoining areas.</p>		<p>Date: 07/01/2025</p>
5	MINING PLAN	Drilling and blasting shall be by using dust extractors / wet drilling.
<p><b>PPs Submission:</b> Being Complied</p> <p>Wet drilling is being performed to minimize dust generation.</p>		<p>Date: 07/01/2025</p>
6	WATER QUALITY MONITORING AND PRESERVATION	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground water Board.
<p><b>PPs Submission:</b> Being Complied</p> <p>5 Nos. of settling pit and 01 No. Pond (80x40x10) have been constructed to recharge surface run off. Piezometer has been installed in mines to monitor ground water level. Further, ground water level is also being monitoring all four seasons by establishing a network of wells. Ground Water level Monitoring Report is enclosed herewith.</p>		<p>Date: 07/01/2025</p>
7	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) an winter (January) and the data thus collected may be sent regularly to MoEF, Central Ground Water Authority and Regional Director Central Ground Water Board.
<p><b>PPs Submission:</b> Being Complied</p> <p>Piezometer has been installed in mines to monitor ground water level. Further, ground water level is also being monitoring all four seasons by establishing a network of wells. The ground water quality monitoring is being carried out on monthly basis and analysis reports are being submitted regularly to Regional Office, CECB, Bhilai-Durg. Copy of the same is attached herewith for your ready reference. The data collected is being submitted along-with half yearly EC compliance report regularly to the Ministry of Environment and Forests and its Regional Office, along with compliance report.</p>		<p>Date: 07/01/2025</p>
8	WATER QUALITY MONITORING AND PRESERVATION	Prior permission from the competent authority shall be obtained for drawl of ground water, if any.
<p><b>PPs Submission:</b> Being Complied</p> <p>NOC for withdrawal of ground water has been obtained from Central Ground Water Authority vide letter no. CGWA/NOC/MIN/REN/3/2024/9783; dated 29.07.2024 which is valid up-to 24.07.2026 (Copy enclosed )</p>		<p>Date: 07/01/2025</p>
9	AIR QUALITY MONITORING AND	Vehicular emission shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles

	PRESERVATION	used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.
<b>PPs Submission:</b> Being Complied All earth moving equipment and vehicles engaged in transportation are undergone periodic Test for vehicular emission. Further, emission level is kept under control by rigorous maintenance of all engines by replacing lubricants as per the recommendations.		Date: 07/01/2025
10	MINING PLAN	A final Mine closure plan, along with details of corpus fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closures for approval.
<b>PPs Submission:</b> Being Complied Final mine closure plan will be submitted in due course of time to MoEF and CC for approval.		Date: 07/01/2025
<b>General Conditions</b>		
Sr.No.	Condition Type	Condition Details
1	MINING PLAN	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.
<b>PPs Submission:</b> Being Complied Agreed, Undertaking submitted.		Date: 07/01/2025
2	Human Health Environment	Occupational health surveillance program of the workers shall be undertaken periodically to observe any contraction due to exposure to dust and take corrective measures, if needed.
<b>PPs Submission:</b> Being Complied Periodical medical examination of workmen has been performed and Reports are uploaded at website of Health and Safety Department, Raipur regularly.		Date: 07/01/2025
3	MISCELLANEOUS	A separate environmental management cell with suitable qualified personal shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
<b>PPs Submission:</b> Being Complied A separate Environment Management Cell with qualified personnel is functioning under the control of Senior Executive, who reports directly to the Head of the Organization. Information in this respect is being submitted to the ministry time to time.		Date: 07/01/2025
4	MINING PLAN	The project authorities shall 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.
<b>PPs Submission:</b> Being Complied Agreed		Date: 07/01/2025
5	ENERGY PRESERVATION MEASURES	The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.

<b>PPs Submission: Being Complied</b> An amount of Rs. 11.34 Lakh has been spent towards Environmental Protection during compliance period incl. fencing, watch and care, plantation etc.		Date: 07/01/2025
6	MISCELLANEOUS	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 the requisite data/information/ monitoring reports.
<b>PPs Submission: Being Complied</b> Requisite data/information/ monitoring reports submitted timely as and when required.		Date: 07/01/2025
7	MISCELLANEOUS	A copy of clearance letter will be marked to concerned panchayat/local NGO, if any from whom suggestion /representation has been received while processing the proposal.
<b>PPs Submission: Complied Submitted</b>		Date: 07/01/2025
8	MISCELLANEOUS	State pollution control board should display a copy of the clearance letter at the regional office district industry center and collector's office/Tehsildar's office for 30 days.
<b>PPs Submission: Complied</b> Already been made		Date: 07/01/2025
9	PUBLIC HEARING	The project authority should advertised at least in two local news papers widely circulated one of which shall be in the vernacular language of the locality concerned, within seven 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 Ministry of Environment of Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> and copy of the same shall be forwarded to the regional office of this ministry located Bhopal.
<b>PPs Submission: Complied</b> Copy of environment clearance letter has been published in two local news paper and is available with SPCB and forwarded the same to the Ministries Regional Office		Date: 07/01/2025
10	MINING PLAN	No change in the calendar plan including excavation, quantum of mineral iron ore shall be made.
<b>PPs Submission: Being Complied</b> Agreed, Undertaking submitted.		Date: 07/01/2025
11	MISCELLANEOUS	Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forests and wildlife department.
<b>PPs Submission: Being Complied</b> As per the advice of Forest Department, we have provided vehicles, watchman and infrastructural facility as measures to protect Flora and Fauna in core and buffer zone.		Date: 07/01/2025
12	AIR QUALITY MONITORING AND PRESERVATION	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RPM,SPM,SO2,NOX monitoring. Location of the stations should be decided based on the

		meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency should be undertaken in consultation with the State Pollution Control Board.
<p><b>PPs Submission: Being Complied</b> Four ambient air quality monitoring stations have been established in the core zone and two number of station in the buffer zone for measurement of PM10, PM2.5, SO2, NOx with the consultation of the State Pollution Control Board.</p>		Date: 07/01/2025
13	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality (RPM,SPM,SO2,NOX) should be regularly submitted to the Ministry including its Regional office located at Bhopal and the state pollution control Board/Central pollution Control Board once in six month.
<p><b>PPs Submission: Being Complied</b> The Ambient Air Quality Monitoring Data is being submitted to the Regional Office, CECB, Bhilai-Durg regularly. Air Quality Monitoring data is also submitted to the Ministry of Environment and Forests including its Regional office along with six monthly compliance report. Monitoring report is attached herewith for your reference please.</p>		Date: 07/01/2025
14	AIR QUALITY MONITORING AND PRESERVATION	Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
<p><b>PPs Submission: Being Complied</b> Continuous water sprinkling is being carried out through water tankers on haul roads and other dust generating points and areas.</p>		Date: 07/01/2025
15	Noise Monitoring & Prevention	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/ muffs.
<p><b>PPs Submission: Being Complied</b> Control measures such as maintenance of all machines including checking of silencers on regular basis, installing immovable machinery on foundations and closed rooms are being provided. The workers engaged at noisy areas are being provided with ear plugs/muffs. Regular Monitoring of Noise Level at various location is being carry out and report of the same is submitted to the board periodically</p>		Date: 07/01/2025
16	WASTE MANAGEMENT	Industrial waste water (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 shall be installed before discharge of workshop effluent.
<p><b>PPs Submission: Being Complied</b> No workshop waste water is being generated in mining area, as the mining equipment is deployed by the Mine Developer cum Operator (MDO), major repairing and overhauling etc. is done by them outside the lease, therefore, no workshop exists within the lease area.</p>		Date: 07/01/2025
17	Human Health Environment	Personal working in dusty areas shall wear protective respiratory devices and they shall be provided with adequate training and information on safety and health aspects.
<p><b>PPs Submission: Being Complied</b> Personal protective equipments like dust mask, gloves, goggles, ear plugs, helmet, safety shoe etc have been provided to the mine workers. Safety Awareness Training and Information on health hazards are being periodically provided to all workmen.</p>		Date: 07/01/2025

## Visit Remarks

**Last Site Visit Report Date:**

N/A

**Additional Remarks:**

NA

**Note:** This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.