

EC Conditions Six Monthly Compliance Report

(by Project Proponent)



Proposal No : IA/CG/MIN/30993/2007

1. Name of the Entity / Corporate Office :

File No. :	J-11015/208/2006-IA.II(M)	Proposal Name :	Boria Tibbu Iron Ore mine of M/s Godawari Power and Ispat Ltd at village Boria Tibbu, Tehsil Mohala in district Rajnandgaon in Chhattisgarh.
Date Of EC. :	31 Jan 2007	EC Letter :	
Name of the Entity / Corporate Office :	Godawari Power and Ispat Ltd	Email Address :	tonmoy.bose@hiragroup.com
Address :	Plot No. 428/2, Phase-I, Industrial Area, Siltara, Raipur - 493111 (Chhattisgarh)	Mobile No :	9993000739

2. Proponent Details :

Proponent Name :	Sanjay	Designation :	Associate Vice President
Telephone No :	771-4082333	Mobile No :	+91 9752410720
Fax No :	771-4082234	Email Address :	tonmoy.bose@hiragroup.com
Website :	www.godawaripowerispat.com	Pin Code :	493111
State :	Chhattisgarh	District :	Raipur
Village/Town :	Raipur		

3. Compliance Letter/Report (Proponent):

Compliance Period :	2022 / 01 Dec (01 April - 30 Sep)	Compliance Submission Date :	07 Jan 2023 14:53:47:127
Remarks :	Submission of Six monthly compliance report of EC granted vide No. J-11015/208/2006-IA.II(M) dated 31st January, 2007 and its amendment dated 15th October, 2015.		
Site Visit Report :	N/A	Site Visit Date :	N/A
ATR Report :	N/A	ATR Date :	N/A
Additional Attachment (If Any) :	N/A	Additional Remarks (If Any) :	





4. Summary Status of Compliance :





Total Condition :	54		
Complied :	37	Being Complied :	16
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	1		



5. Details of Production and Project Area :

Date of Commencement of Project/Activity :		01 Apr 2014	Project Area as Per EC Granted (In Case of Mine Lease):		110
Actual Project Area(In Case of Mine Lease):		110			
PRODUCTION CAPACITY :					
S.No	Name of the Product	Units		As per EC granted	Production during last financial year
1	Iron Ore Mine	Tons per Annum (TPA)		705000	195240.05

6. Specific Conditions (Proponent):


S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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.	Being Complied	Total 26100 nos. of saplings have been planted, covering an area of 11.04 ha. inside the mining lease area. 15500 nos. of saplings have been planted outside/ road side areas of the mining lease are	N/A	
2	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.	Being Complied	At present top soil generation is nil. However, topsoil generated in future will be stacked separately and will be utilised for plantation purpose.	N/A	
3	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	Complied	Garland drains around OB and mineral dumps have been already constructed with siltation ponds to arrest the silts and sediments of surface run off.		
4	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 sh	Being Complied	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.		
5	Drilling and blasting shall be by using dust extractors / wet drilling.	Complied	Wet drilling and/or drills fitted with dust extractors have been deployed at mines.	N/A	
6	Prior permission from the competent authority shall be obtained for drawl of ground water, if any.	Complied	NOC for withdrawal of ground water has been obtained from Central Ground Water Authority (Copy enclosed as Annexure - II).		
7	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.	Being Complied	Presently mine is operational since FY 2014. Upon approval of the Final Mine Closure Plan by Indian Bureau of Mines, the approved Final Mine Closure Plan will be submitted to MoEF.	N/A	
8	Vehicular emission shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in	Being Complied	PUC of all earth moving equipments and transport vehicles are being checked regularly to		






	transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.		check vehicular emission. Further, emission level is kept under control by rigorous maintenance of all engines.		
9	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.	Complied	5nos. of Settling ponds have been constructed to recharge ground water. Further water collected in mine sump during rainy season also acts as recharge pit for mines.	N/A	
10	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.	Being Complied	Ground water level monitoring is being carried out at all four seasons by establishing a network of wells. Summarized Environmental Monitoring data for the period of Oct, 21 to Mar, 22 is enclosed.		
11	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.	Complied	At present top soil generation is nil. However, topsoil generated in future will be stacked separately for plantation purpose. OB generated during mining is being stacked at earmarked places.	N/A	
12	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 sh	Complied	Waste dump has been formed by proper terracing (Benching) with average height of individual terrace as 10 m. Average dump slope is 24.43 ° which is below 28 ° As permitted.		
13	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	Complied	Garland drains around OB and mineral dumps have been already constructed with siltation ponds to arrest the silts and sediments of surface run off.		
14	Drilling and blasting shall be by using dust extractors / wet drilling.	Complied	Wet drilling and/or drills fitted with dust extractors have been deployed at mines.	N/A	
15	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	Being Complied	A greenbelt of native species is being developed, total 34526 nos. of saplings planted in the 13.81 ha. inside mining lease. In addition to		


	density of the trees shall be around 2000 plants per ha.		above, 15500 nos. of sapling planted outside mining lease		
16	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.	Complied	5 nos. of Settling ponds have been constructed to recharge ground water. Further water collected in mine sump during rainy season also acts as recharge pit for mines.		
17	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.	Complied	Monitoring of ground water level & quality is being carried out regularly. One no. of piezometer along with three nos. of flow meters have already been installed at the mines. The reports are enclosed		
18	Prior permission from the competent authority shall be obtained for drawl of ground water, if any.	Complied	NOC for withdrawal of ground water has been obtained from Central Ground Water Authority.	N/A	
19	Vehicular emission shall 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 shall be covered with a tarpaulin and shall not be overloaded.	Complied	PUC of all earth moving equipments and transport vehicles are being checked regularly to check vehicular emission. Further, emission level is kept under control by rigorous maintenance of all engines.	N/A	
20	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.	Agreed to Comply	Presently mine is operational since FY 2014. Upon approval of the Final Mine Closure Plan by Indian Bureau of Mines, the approved Final Mine Closure Plan will be submitted to MoEF & CC.	N/A	


7. General Conditions (Proponent):

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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.	Being Complied	Periodical medical examination of total 878 workmen has been done since 2014 and Reports have been uploaded. Periodical medical examination of all the workers of the mine is under progress at site.	N/A	
2	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Being Complied	Agreed, Undertaking submitted.	N/A	
3	No change in the calendar plan including excavation, quantum of mineral iron ore shall be made.	Complied	Agreed, Undertaking submitted.	N/A	
4	Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn	Complied	As per the advice of Forest Department, we have provided	N/A	

	up in consultation with the local forests and wildlife department.		vehicles, watchman and infrastructural facility as measures to protect Flora & Fauna in core & buffer zone.		
5	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.	Being Complied	Continuous water sprinkling is being carried out through water tankers on haul roads and other dust generating points. Water sprinkling through nozzles is done at various dust generation points.	N/A	
6	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.	Complied	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.	N/A	
7	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.	Being Complied	There is no existence of workshop, hence no need of Oil & grease trap as all mining machinery is being deployed on contractual basis and repairing & maintenance of the same are being carried outside.	N/A	
8	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.	Complied	We are having an Environment Cell with qualified technical persons to carry out various Environment functions. We are having laboratory facility.	N/A	
9	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.	Complied	This has already been complied.	N/A	
10	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.	Being Complied	An amount of Rs. 68.47 Lakh has been spent towards Environmental Protection from Apr, 21 to Mar, 22. The details are enclosed		
11	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.	Being Complied	All requisite data/information/ monitoring reports are being provided during their visit.	N/A	
12	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.	Complied	This has already been complied.	N/A	
13	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.	Complied	This has already been complied.	N/A	

14	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 http://envfor.nic.in and copy of the same shall be forwarded	Complied	This has already been complied. Copy of environment clearance letter has been published in two local news paper and is available with SPCB and also at website of MoEF & CC.		
15	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.	Being Complied	PPE's like dust mask, gloves, goggles, ear plugs, helmet, safety shoe etc have been provided to mine workers. Safety Awareness Training & Information on health hazards are provided to all workmen.	N/A	
16	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.	Being Complied	Four ambient air quality monitoring stations have been established in the core zone as well as in the buffer zone for measurement of PM10, PM2.5, SO2, NOx.		
17	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.	Being Complied	The Ambient Air Quality Monitoring is being carried out and reports are being submitted regularly to Regional Office, CECB, Bilai-Durg. Summarized Environmental Monitoring data enclosed.		
18	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Complied	Agreed, Undertaking submitted.	N/A	
19	No change in the calendar plan including excavation, quantum of mineral iron ore shall be made.	Complied	Agreed, Undertaking submitted.	N/A	
20	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.	Complied	As per the advice of Forest Department, we have provided vehicles, watchman and infrastructural facility as measures to protect Flora & Fauna in core & buffer zone.	N/A	
21	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.	Complied	Four ambient air quality monitoring stations have been established in the core zone as well as in the buffer zone for measurement of PM10, PM2.5, SO2, NOx. Summarized Environmental Monitoring data		
22	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	Complied	The Ambient Air Quality Monitoring is being carried out and reports are being submitted regularly to Regional Office,		

	control Board/Central pollution Control Board once in six month.		CECB, Bhilai-Durg. Summarized Environmental Monitoring data is enclosed.		
23	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.	Complied	Continuous water sprinkling is being carried out through water tankers on haul roads and other dust generating points and areas. Water sprinkling through nozzles is done at various dust generation poi	N/A	
24	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.	Complied	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.	N/A	
25	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.	Complied	There is no existence of workshop, hence no need of Oil & grease trap as all mining machinery is being deployed on contractual basis and repairing & maintenance of the same are being carried outside.	N/A	
26	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.	Complied	PPE's like dust mask, gloves, goggles, ear plugs, helmet, safety shoe etc have been provided to mine workers. Safety Awareness Training & Information on health hazards are provided to all workmen.	N/A	
27	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.	Complied	Periodical medical examination of total 687 workmen has been done in the current Financial Year.	N/A	
28	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.	Complied	We are having an Environment Cell with qualified technical persons to carry out various Environment functions. We are having laboratory facility.	N/A	
29	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.	Complied	This has already been complied.	N/A	
30	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.	Complied	An amount of Rs. 52.58 Lakh has been spent towards Environmental Protection from Apr, 22 to Sept, 22. The details are enclosed.		
31	The regional office of this ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to	Complied	All requisite data/information/mon reports are being provided during their visit.	N/A	

	the officer (s) of the Regional office by furnishing the requisite data/information/ monitoring reports.				
32	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.	Complied	This has already been complied.	N/A	
33	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.	Complied	This has already been complied.	N/A	
34	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 http://envfor.nic.in and copy of the same shall be forwarded	Complied	This has already been complied. Copy of environment clearance letter has been published in two local news paper and is available with SPCB and also at website of MoEF & CC.		
<input checked="" type="checkbox"/> I ' Godawari Power and Ispat Ltd ' hereby give undertaking that the specific / general condition is entered by me is correct.					

E-Sign

Godawari Power and Ispat Ltd
Date : 07 Jan 2023 14:53:47:127

****Note : N/A - Not Available**

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