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### View Compliance Report at Project Proponent

#### Proposal Details

<b>Proposal No</b>	IA/CG/MIN/203724/2 021	<b>Category</b>	Non-Coal Mining		
<b>Proposal Name</b>	Environmental Clearance for Aridongri Iron Ore Mine of M/s Godawari Power and Ispat Limited for enhancement of iron ore production from 1.405 MTPA to 2.35 MTPA (Iron Ore 1.8 MTPA & BMQ 0.55 MTPA), Dolerite OB 3.949 MTPA, interburden (IB) 3.071 MTPA (Total Excavation 9.37 MTPA) along with setting up of Banded Magnetite Quartzite (BMQ) Beneficiation plant of 0.6 MTPA capacity, 250 TPH Iron Ore Screening Plant with magnetic separator for processing of low grade material and 2 MTPA Dolerite Crushing & Screening Plant in 2 modules of 1 MTPA, within the existing mining lease of 138.96 Ha at Village Kachche, Tehsil Bhanupratppur, District Uttar Baster (Kanker), Chhattisgarh				
<b>Plot / Survey/ Khasra No.</b>		<b>Village(s)</b>		<b>Sub-District(s)</b>	
<b>State</b>	CHHATTISGARH	<b>District</b>	KANKER		
<b>MoEF File No</b>	J-11015/384/2012- IA.II(M)	<b>Name of the Entity/ Corporate Office</b>	Aridongri Iron Ore Mine of M/s Godawari Power & Ispat Limited	<b>Entity's PAN</b>	NA
<b>Entity Name as per PAN</b>	NA	<b>Entity details mentioned above is correct ?</b>	Agree		

## Covering Letter

Covering Letter

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## Compliance Reporting Details

**Reporting Year**

2023

**Reporting Period**

01 Dec(01 Apr - 30  
Sep)

**Remark(if any)**

Submission of Six Monthly EC Compliance Status Report of EC conditions granted vide letter no. J-11015/384/2012-IA.II(M) dated 23.06.2021 for expansion of Aridongri Iron Ore Mines of M/s Godawari Power & Isapt LTD

## Details of Production and Project Area

**Date of**

17-08-2021

**Commencement of  
Project/Activity**

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	11.56	11.56
Forest	127.40	127.40
Others	0	0
Total	138.96	138.96

**PRODUCTION CAPACITY**

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Iron Ore Mine	Million Tons per Annum (MTPA)	2.35	2.35	2560/TS/CECB/2022 dated 07.07.2022	15-08-2024	2.33

**Conditions****Specific Conditions**

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	GREENBELT	The Project Proponent shall undertake the plantation in peripheral zone and ensure that the plantation in peripheral zone and plantation along haul roads should be completed within 3 years from the date of commencement of mining operations with at least 90% survival rate. Causalities of the previous year should be replaced other than the saplings proposed to be planted every year. PP shall provide tree guard to maintain the early stages of plant growth.	PPs Submission	Plantation in peripheral zone & along haul roads has been undertaken and maintain to ensure an average 90% survival rate. Year wise Plantation details along-with with expenditure incurred is attached as an Annexure. Tree guards are not required as entire mining lease area has been fenced with barbed wire fencing. Being Complied Attachment: <a href="#">Click to View</a>

2	AIR QUALITY MONITORING AND PRESERVATION	PP shall take necessary steps to avoid the fugitive dust emission due to mining activities and vehicle movement. The roads shall be regularly cleaned and maintained in proper conditions by the project authorities.	PPs Submission	To Prevent fugitive dust emission due to mining activities and vehicle movement, following measures have been undertaken: ? Wet drilling and Control Blasting using NONEL technology. ? Fixed type of water sprinklers has been provided at haul road. ? Dry fog dust suppression system has been provided in Crushing & Screening unit and material transfer points. ? Speed limit have been fixed for dumpers plying on the haul road. ? Regular Maintenance of all internal roads are being carried out to avoid formation of potholes etc. ? Mineral Ore is being transported in Tarpaulin covered trucks. Regular monitoring of air quality at Core and Buffer zone is being carried out to check the emission level. Complied Attachment: NA
3	PUBLIC HEARING	The budgetary plan of Rs. 610.06 Lakh proposed to address the public concerns should be strictly followed and completed within 3 years and the development should be submitted during submission of EC compliance. PP shall also organize employment based apprenticeship/ internship training program with stipend for the youth and other programs to enhance the skill of the local people.	PPs Submission	Compliance status to address the public concerns raised during public hearing is enclosed as Annexure, around 551 lakh have been incurred so far. Employment drive have been taken to harness local qualified and skilled persons. In addition to above, we undertaken several apprenticeship/ internship training programs with stipend for the local youth to enhance their skill set and professional approach. Being Complied Attachment: <a href="#">Click to View</a>
4	WATER QUALITY MONITORING AND PRESERVATION	PP shall explore more possibilities to augment ground water resources in the area.	PPs Submission	GPIL has carried out survey on Rain water harvesting potential in the area through expert consultant M/s Hydro-Geo Consultants Raipur. Based on the survey recommendations, following measures have been taken towards augmentation of ground water resources in the area under water conservation drive; a) Established 2 nos. of

				<p>recharge ponds with a recharge capacity of 33150 m<sup>3</sup> water annually. b) With a recharge capacity of 111457m<sup>3</sup> water /year a mine sum has been constructed at the bottommost bench of the quarry. c) Around 19 nos. of recharge well of various dimensions has been constructed to recharge approx. 31560 m<sup>3</sup> water/annum. d) Two nos. of roof top rain water structures have been also constructed during FY 2022-23. Total ground recharge potential is 176167.5 m<sup>3</sup>/year with a net development of 178%. Actual approx. 182934 m<sup>3</sup>/Ann. (FY:2022-23) ground water recharge at Kachche Aridongri Iron Ore Mines.</p> <p>Complied Attachment: NA</p>
5	AIR QUALITY MONITORING AND PRESERVATION	PP shall ensure the adequate safety measures to avoid dust inhalation by workers and pollution control measures adopted during drilling and blasting.	PPs Submission	<p>Adequate safety measures is being taken during mining operations i.e. drilling and blasting activity. Wet drilling is being carried out, hence no dust generation being observed. Control Blasting is done through NONEL, as it involves bearable or minimal noise, less vibration and less amount of fly off rocks to the environment. PPE's have been provided to operators and helpers. Regular monitoring of respirable dust is being carried out by 6 nos. of respirable personal dust samplers at mines. (Annexure -III)</p> <p>Complied Attachment: <a href="#">Click to View</a></p>
6	WATER QUALITY MONITORING AND PRESERVATION	The Project Proponent shall obtain the NOC from CGWA for withdrawal of water before undertaking mining operations.	PPs Submission	<p>NOC for withdrawal of 300 KL/day ground water has been obtained from CGWA vide letter no. CGWA/NOC/MIN/REN/2/2022/7371, which is valid from 16/05/2022 to 15/05/2024. Kindly refer attachment.</p> <p>Complied Attachment: <a href="#">Click to View</a></p>

## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	This Environmental Clearance (EC) is subject to orders/judgement of Hon?ble Supreme Court of India, Hon?ble High Court, Hon?ble NGT and any other Court of Law, Common Cause Condition as may be applicable.	PPs Submission	Agreed Complied Attachment: NA
2	Statutory compliance	The Project Proponent complies with all the statutory requirements and judgment of Hon?ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No.114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.	PPs Submission	Agreed Complied Attachment: NA
3	Statutory compliance	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon?ble	PPs Submission	Noted Complied Attachment: NA

		Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.		
4	Statutory compliance	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area?".	PPs Submission	Agreed. Following measures have already been implemented at Mines. 1. No village is located within the leasehold area and transportation of ore is not being carried out through village. 2. The Project Proponent has obtained all statutory clearances. 3. Three nos. of Continuous Online Ambient Air Quality Monitoring Stations (One in upwind direction and Two nos. in Downwind direction) for monitoring PM10, PM2.5, SO2, NO2 etc. have been installed in the lease area. 4. Regular monitoring of Ground water level and quality is being carried out by the project proponent. 5. No natural water body flows through the lease area. 6. Illumination and noise level are regularly being monitored by the project proponent and are within the statutorily permitted level. 7. Regular ground vibration monitoring is being carried out and mining operations are confined at more than approx. 1 km from the populated area. 8. Regular water sprinkling in haul roads and approach roads are being carried out through dedicated water tankers. Complied Attachment: NA
5	Statutory compliance	A copy of EC letter will be marked to concerned Panchayat/ local NGO etc. if any, from whom suggestion/ representation has been received while processing the proposal.	PPs Submission	Receiving Letter of EC by Gram Panchayat Kachche, Parrekodo, Salhe and Bhaisakanhar is enclosed as annexure. Complied Attachment: <a href="#">Click to View</a>
6	Statutory compliance	State Pollution Control Board/ Committee shall be responsible for display	PPs Submission	This has already been made Complied

		of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.		Attachment: NA
7	Statutory compliance	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/ Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.	PPs Submission	Advertisement of the grant Environment Clearance Letter have been made in various/local newspapers (One in Hindi and other in English News Paper). Copy of the same is enclosed as Annexure. Complied Attachment: <a href="#">Click to View</a>
8	Statutory compliance	The Project Proponent shall inform the MoEF&CC for any change	PPs Submission	Agreed. At present there is no change in ownership or transfer of Lease. In future, if any change in ownership or transfer of lease takes



		<p>in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred, PP need to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.</p>	<p>place same will be informed to MoEF&amp;CC          Agreed to Comply          Attachment: NA</p>
9	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQMS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be</p>	<p>PPs Submission</p> <p>Three nos. of Continuous Online Ambient Air Quality Monitoring Stations (One in upwind direction and Two nos. in Downwind direction) for monitoring PM10, PM2.5, SO2, NO2 etc. have been installed within the mining lease area. Kindly Refer attachment. Apart from above, periodically ambient air quality monitoring is being carried out at four locations in the core zone as well as buffer zone. All the monitoring reports are being submitted to the board regularly. Ambient air quality monitoring data are being digitally displayed in the front of main gate of the mines site as well as the data also being published through weblink vide <a href="https://cecb.azurewebsites.net/IndustryDashboard">https://cecb.azurewebsites.net/IndustryDashboard</a>.          Complied          Attachment: <a href="#">Click to View</a></p>

		<p>monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.</p>			
10	AIR QUALITY MONITORING AND PRESERVATION	<p>Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be</p>	<table border="1"> <tr> <td data-bbox="969 523 1227 1082">PPs Submission</td> <td data-bbox="1227 523 2128 1082"> <p>Following measures have been undertaken to prevent fugitive dust emission: ? Wet drilling and Control Blasting using NONEL technology. ? Fixed type of water sprinklers has been provided at haul road. ? Dry fog dust suppression system has been provided in material Crushing &amp; Screening unit and material transfer points. ? Speed limit have been fixed for dumpers plying on the haul road. ? Regular Maintenance of all internal roads are being carried out to avoid formation of potholes etc. ? Bag filter has been also installed in the crushing &amp; screening Plant. ? Mineral Ore is being transported in Tarpaulin covered trucks. Ambient air quality monitoring is being done at various location to conforms the prescribed standards being mate.</p> <p>Complied</p> <p>Attachment: <a href="#">Click to View</a></p> </td> </tr> </table>	PPs Submission	<p>Following measures have been undertaken to prevent fugitive dust emission: ? Wet drilling and Control Blasting using NONEL technology. ? Fixed type of water sprinklers has been provided at haul road. ? Dry fog dust suppression system has been provided in material Crushing &amp; Screening unit and material transfer points. ? Speed limit have been fixed for dumpers plying on the haul road. ? Regular Maintenance of all internal roads are being carried out to avoid formation of potholes etc. ? Bag filter has been also installed in the crushing &amp; screening Plant. ? Mineral Ore is being transported in Tarpaulin covered trucks. Ambient air quality monitoring is being done at various location to conforms the prescribed standards being mate.</p> <p>Complied</p> <p>Attachment: <a href="#">Click to View</a></p>
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		ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.			
11	WATER QUALITY MONITORING AND PRESERVATION	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.	<table border="1"> <tr> <td>PPs Submission</td> <td>Intersection of ground water table has not been envisaged in the approved review of mining plan. At present, Open cast mining activity is going on much above the ground level, hence ground water table is not being intersected. Detailed Comprehensive hydro-geological study has also been done for Kachche Aridongri Iron Ore Mines and necessary's permission for Borewell water consumption has obtained from CGWA vide NOC no. CGWA/NOC/MIN/REN/2/2022/7371. Being Complied Attachment: NA</td> </tr> </table>	PPs Submission	Intersection of ground water table has not been envisaged in the approved review of mining plan. At present, Open cast mining activity is going on much above the ground level, hence ground water table is not being intersected. Detailed Comprehensive hydro-geological study has also been done for Kachche Aridongri Iron Ore Mines and necessary's permission for Borewell water consumption has obtained from CGWA vide NOC no. CGWA/NOC/MIN/REN/2/2022/7371. Being Complied Attachment: NA
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12	WATER QUALITY MONITORING AND PRESERVATION	<p>Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department/ State Pollution Control Board.</p>	PPs Submission	<p>Monitoring of ground water level &amp; quality is being carried out in all four seasons by establishing a network of wells in Buffer Zone &amp; Core Zone and records of the same is also being maintained. Piezometer has also been installed at mines to monitor the ground water level. The Report on changes in Ground water level and quality is being submitted to the Board regularly. Complied Attachment: <a href="#">Click to View</a></p>
13	WATER QUALITY MONITORING AND PRESERVATION	<p>The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water.</p>	PPs Submission	<p>Regular Monitoring of natural water course/ water resources/ springs and perennial nallahs is being done as per guidelines and record of the same is being maintained and submitted to the MoEF&amp;CC Regional Office, CGWB, CECB and CPCB periodically. Sufficient numbers of garland drains have been provided at haul roads, waste dump area and along the leasehold area within the lease for the management of water. Besides, a series of Garland drains inter-connecting the settling ponds have been also provided at mines. Assessment of adequacy of these garland drains and design of retaining walls at Kachche Aridongri iron Ore Mines have been carried out by NIT, Raipur. No waterbody is passing through the mining lease, therefore, no obstruction/alteration of waterbody is required for Kachche Aridongri iron Ore Mines.</p>

The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

Complied  
Attachment: NA

14	WATER QUALITY MONITORING AND PRESERVATION	<p>Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.</p>	PPs Submission	<p>No effluent is generated during mining operation. Mining Operation has adopted to maintain Zero Liquid Discharge (ZLD) at all the times. However, a series of settling ponds with an interconnected network of garland drains have been established at mines area to arrest and collect all the surface run-off. A display board near the main gate of the Company has been installed to display the Monitoring and other information. Complied Attachment: NA</p>
15	WATER QUALITY MONITORING AND PRESERVATION	<p>Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/</p>	PPs Submission	<p>Ground water recharge is being carried out through recharge structures i.e. recharge trench, sumps, check dams and roof top facilities. Following Rain water harvesting measures have been adopted in the Kachche Aridongri Iron Ore Mines. e) Established 2 nos. of recharge ponds with a recharge capacity of 33150 m3 water annually. f) With a recharge capacity of 111457m3 water /year a mine sum has been constructed at the bottommost bench of the quarry. g) Around 19 nos. of recharge well of various dimensions has been constructed to recharge approx. 31560 m3 water/annum. h)</p>

		State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.		Two nos. of roof top rain water structures have been also constructed during FY 2022-23. Hence, total ground recharge potential is 176167.5 m3/year. Quantum of ground water recharge at Kachche Aridongri Iron Ore Mines is given in the Annexure. Complied Attachment: <a href="#">Click to View</a>
16	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through oil and grease trap.	PPs Submission	As the mining equipment is deployed by the Mine Developer cum Operator (MDO), major repairing and overhauling etc. is being done by them outside the lease, workshop has not been provided in mines. Therefore, no industrial waste water is being generated from workshop and mines in mining area. Domestic waste water is being treated in septic tank followed by soak pit. Overflow water from the soak pit is being used for plantation purpose. However, a series of settling ponds with an interconnected network of garland drains have been established at mines area to arrest and collect all the surface run-off and periodic quality monitoring of the same is performed to conform the prescribed standards are being met. Complied Attachment: NA
17	WATER QUALITY MONITORING AND PRESERVATION	The water balance/ water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/ Committee.	PPs Submission	Water audit has been carried out by TUV India Pvt. Ltd. The copy of the same is enclosed as Annexures. Details of measures implemented in the audit is also being reported to the Ministry time to time. Complied Attachment: <a href="#">Click to View</a>

18	Noise Monitoring & Prevention	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	PPs Submission	The peak particle velocity monitoring using ?Micromate Seismograph? of InstanTel Canada make is being carried out regularly. Please refer Annexure Complied Attachment: <a href="#">Click to View</a>
19	Noise Monitoring & Prevention	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the flood lights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day / night hours.	PPs Submission	Illumination level is regularly being monitored as per DGMS Legis. Circular no. 3/2017 and sound level are also being regularly monitored during Day/Night time. Report of the same is also being maintained. Complied Attachment: <a href="#">Click to View</a>
20	Noise Monitoring & Prevention	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of	PPs Submission	Ear plugs and nose masks have been provided to workers engaged in operations of HEMM, Plant etc. Further, following mitigation measures have been/will be adopted to keep noise levels below 85 dBA: ? Selection of low noise generating machinery/Equipment. ? Provision of rubber padding/noise isolators/silencers to modulate the noise generated by machinery/ equipment, whenever possible. ?



		<p>HEMM, etc. should be provided with ear plugs/ muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.</p>	<p>Provision of protective devices like earmuff/ plugs for the workers. ? Preventive maintenance of machinery/equipment and vehicles. ? The high noise zones are properly marked, information on noise, the risk of exposure to noise and the appropriate measures shall be displayed at site work place. ? Appropriate training and education are being given to the workers. ? Regular monitoring of ambient noise level as per the monitoring plan is being carried out.</p> <p>Complied Attachment: NA</p>	
21	MINING PLAN	<p>The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden &amp; dump management, O.B. &amp; dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme</p>	PPs Submission	<p>Agreed Being Complied Attachment: NA</p>

		as well as at the end-of-life; etc.).		
22	MINING PLAN	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.	PPs Submission	Agreed Approved Mining plan is being/ will be followed. Plantation in the inactive terraces of waste dumps are being carried out. Being Complied Attachment: NA
23	LAND RECLAMATION	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB/ waste dumps/ topsoil	PPs Submission	At present top soil generation is nil. However, topsoil generated in future will be stacked separately and will be utilized for plantation purpose. OB generated during mining is being stacked at earmarked places with proper terracing as per the approved Review of Mining Plan and Desired OB Dump height, width and angle of slope shall be maintained. Being Complied Attachment: NA

		<p>dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/ circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.</p>			
24	LAND RECLAMATION	<p>The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/compactors thereby ensuring proper filling/ levelling of dump mass. In critical areas, use of geo textiles/ geo-membranes/ clay liners/ Bentonite etc. Shall be undertaken for stabilization of the dump.</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>Waste dump has been formed with proper terracing (Benching) and an average height of individual terrace as 10 m. Average dump slope is 26.07° which is within range and below 28° as permitted. (Annexure) Waste Dump stability analysis has been carried out by Department of Mining Engineering, NIT Raipur. To further enhance the stability of waste dump boulder facia reinforcement wall of 10 to 30 m height and 10 to 30 m width is being constructed at site at the toe of waste dumps. Photographs showing the boulder facia reinforcement wall being constructed at mines is given at Annexure. Plantation in the inactive terraces of waste dumps are being carried out. To stabilize the inactive terraces of dumps seeding of StyloHamata Grass was also done during the monsoon period. Complied Attachment: <a href="#">Click to View</a></p> </td> </tr> </table>	PPs Submission	<p>Waste dump has been formed with proper terracing (Benching) and an average height of individual terrace as 10 m. Average dump slope is 26.07° which is within range and below 28° as permitted. (Annexure) Waste Dump stability analysis has been carried out by Department of Mining Engineering, NIT Raipur. To further enhance the stability of waste dump boulder facia reinforcement wall of 10 to 30 m height and 10 to 30 m width is being constructed at site at the toe of waste dumps. Photographs showing the boulder facia reinforcement wall being constructed at mines is given at Annexure. Plantation in the inactive terraces of waste dumps are being carried out. To stabilize the inactive terraces of dumps seeding of StyloHamata Grass was also done during the monsoon period. Complied Attachment: <a href="#">Click to View</a></p>
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25	LAND RECLAMATION	<p>Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.</p>	PPs Submission	<p>Five Nos. of siltation ponds having following dimensions have been established at various locations. (Annexure). These settling ponds have been interconnected with a series of garland drains and boulder check dams. (Annexure) Water collected in a manner, utilised for dust suppression and plantation activities. These settling pits and garland drains are regularly de-silted after the monsoon.</p> <p>Complied</p> <p>Attachment: <a href="#">Click to View</a></p>
26	LAND RECLAMATION	<p>Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which</p>	PPs Submission	<p>Depending upon the drainage pattern of the area, Garland drains of approx. 6247 m length having 1.5 to 2 m depth and 1.0 ? 2 m width have been constructed inside the mining lease and at the periphery of the mining lease. Out of which 2230 m length of drains have been constructed connecting the series of settling pits, 2877 m long drains have been constructed along the haul roads and 1140 m long drain have been constructed at the periphery of the mining lease to arrest silt and surface run off. Silts and sediments are cleaned and maintained regularly. Adequacy assessment of these Garland drains and settling pits have already been carried out by NIT Raipur in 2021.</p> <p>Complied</p> <p>Attachment: NA</p>

		shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.			
27	MISCELLANEOUS	No transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a ? bypass? road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal	<table border="1"> <tr> <td>PPs Submission</td> <td>Transportation of the iron ore is being carried out through separate bypass dispatch road which is established beyond the nearby residents/villages. Cost incurred for strengthening and widening of the road has been borne by the project proponent. Regular water sprinkling in the road is being/will be carried out to prevent fugitive dust emission. All the vehicles engaged has allowed only after having Pollution Under Control (PUC) certificate. Further emission level is kept under control by rigorous maintenance of all vehicles as per OEM recommendation. Complied Attachment: NA</td> </tr> </table>	PPs Submission	Transportation of the iron ore is being carried out through separate bypass dispatch road which is established beyond the nearby residents/villages. Cost incurred for strengthening and widening of the road has been borne by the project proponent. Regular water sprinkling in the road is being/will be carried out to prevent fugitive dust emission. All the vehicles engaged has allowed only after having Pollution Under Control (PUC) certificate. Further emission level is kept under control by rigorous maintenance of all vehicles as per OEM recommendation. Complied Attachment: NA
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State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].

28	MISCELLANEOUS	<p>The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.</p>	PPs Submission	<p>To prevent dust generation within the mine lease area following measures have been adopted; ? Fixed type of permanent water sprinklers has been provided at haul road and other road approaching to the mines are provided tanker-mounted water sprinkling system. ? Regular Maintenance of all internal roads are being carried out to avoid formation of potholes etc. ? Dry fog dust suppression system has been provided in material Crushing &amp; Screening unit and material transfer points. ? Bag filter has been provided in crushing &amp; screening plant. ? All the conveyers are covered with canopy. (Annexure) ? Speed limit have been fixed for dumpers plying on the haul road. ? Mineral Ore is being transported in Tarpaulin covered trucks to control fugitive dust.</p> <p>Being Complied Attachment: <a href="#">Click to View</a></p>
29	GREENBELT	<p>The Project Proponent shall develop greenbelt in 7.5m wide safety zone all</p>	PPs Submission	<p>Three tier plantation (approx. 11600 sapling) with a 7.5m wide safety zone all along the mine lease boundary have been developed in an area of 3.768 ha. Total 139735 nos. saplings have been planted so</p>

along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

far covering an area of 51.12 ha. inside of the mining lease areas. Year wise plantation details can be seen in the attachment.  
Complied  
Attachment: [Click to View](#)

30

GREENBELT

The Project Proponent shall carryout plantation/afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be

PPs Submission

At present no area has been matured for backfilling. Plantation (approx. 139735 nos. in an area of 51.12ha.) of the native species in consultation with the State Forest Department/ Agriculture Department have been carried out. Adequate budgetary provision has been made for protection and care of trees. Rs. 1237040 have been incurred towards the development and maintenance of green belt during the FY : 2023-24  
Complied  
Attachment: [Click to View](#)



		<p>adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.</p>			
31	GREENBELT	<p>The Project Proponent shall make alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon?ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>It is clearly indicated at para 4.4 of Grant order of 138.96 ha Mining Lease (Amalgamated) issued by Mineral Resource Department, Govt. of Chhattisgarh state that no grazing land falls within the Mining Lease Area, hence no alternative arrangements for livestock feed by developing grazing land is required as compensatory arrangement. (Annexure -XVI) Complied Attachment: <a href="#">Click to View</a></p> </td> </tr> </table>	PPs Submission	<p>It is clearly indicated at para 4.4 of Grant order of 138.96 ha Mining Lease (Amalgamated) issued by Mineral Resource Department, Govt. of Chhattisgarh state that no grazing land falls within the Mining Lease Area, hence no alternative arrangements for livestock feed by developing grazing land is required as compensatory arrangement. (Annexure -XVI) Complied Attachment: <a href="#">Click to View</a></p>
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32	PUBLIC HEARING	<p>Project Proponent shall make provision for the housing for workers/ labours or shall construct labor camps within/ outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.</p>	<table border="1"> <tr> <td data-bbox="972 71 1227 491">PPs Submission</td> <td data-bbox="1227 71 2004 491"> <p>Since the Labourers/Workers engaged in mining activities are belonging to the nearby villages, hence no residential colony is desired for workers/labours. Further, Guest house to accommodate Mines/GPIL Staff with necessary basic infrastructures i.e. fooding, drinking water, sanitation etc. have been established at nearest town i.e. Dalli Rajahara. Domestic waste water is being routed to septic tank followed by soak pit in order to avoid contamination of underground water.</p> <p>Complied Attachment: NA</p> </td> </tr> </table>	PPs Submission	<p>Since the Labourers/Workers engaged in mining activities are belonging to the nearby villages, hence no residential colony is desired for workers/labours. Further, Guest house to accommodate Mines/GPIL Staff with necessary basic infrastructures i.e. fooding, drinking water, sanitation etc. have been established at nearest town i.e. Dalli Rajahara. Domestic waste water is being routed to septic tank followed by soak pit in order to avoid contamination of underground water.</p> <p>Complied Attachment: NA</p>
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33	Corporate Environmental Responsibility	<p>The Project Proponent shall submit the time-bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in term of the provisions of</p>	<table border="1"> <tr> <td data-bbox="972 979 1227 1358">PPs Submission</td> <td data-bbox="1227 979 2004 1358"> <p>Agreed A time-bound action plan for undertaking the activities committed during public consultation for Environment Clearance has been submitted to Regional Officer, CECB Jagadapur vide letter no. GRIL/ARI/EC/2021-22/01. Status report of the same is also being submitted to the ministry and its regional office along-with Six Monthly Compliance Report. Compliance status of the same can be seen vide Annexure-II</p> <p>Being Complied Attachment: <a href="#">Click to View</a></p> </td> </tr> </table>	PPs Submission	<p>Agreed A time-bound action plan for undertaking the activities committed during public consultation for Environment Clearance has been submitted to Regional Officer, CECB Jagadapur vide letter no. GRIL/ARI/EC/2021-22/01. Status report of the same is also being submitted to the ministry and its regional office along-with Six Monthly Compliance Report. Compliance status of the same can be seen vide Annexure-II</p> <p>Being Complied Attachment: <a href="#">Click to View</a></p>
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		the MoEF&CC Office Memorandum No. 22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.		
34	MISCELLANEOUS	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.	PPs Submission	Agreed Digital map (land use & land cover) of the entire lease area is enclosed as Annexure ? XVII. Being Complied Attachment: <a href="#">Click to View</a>
35	MISCELLANEOUS	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	PPs Submission	The date of Financial Closure is not applicable to this project as the finance is from own source. Final approval of the project and date of start of land development work is 16th January, 2009. Complied Attachment: NA
36	MISCELLANEOUS	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MoEFCC & its concerned Regional Office, Central Pollution Control Board	PPs Submission	Six Monthly EC compliance status report is being uploaded periodically to the MoEF & CC portal. Complied Attachment: <a href="#">Click to View</a>

		and State Pollution Control Board.		
37	MISCELLANEOUS	A separate ? Environmental Management Cell? with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.	PPs Submission	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. Complied Attachment: NA
38	MISCELLANEOUS	The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data/ information/ monitoring reports.	PPs Submission	Agreed Information in this respect is being submitted to the ministry time to time. Complied Attachment: NA
39	MISCELLANEOUS	In pursuant to Ministry?s O.M. No. 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon?ble Supreme Court on 8.01.2020 in W.P.(Civil) No 114/2014 in the matter	PPs Submission	Agreed Agreed to Comply Attachment: NA

		Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.		
40	MISCELLANEOUS	The Ministry or any other competent authority may alter/ modify the above conditions or stipulate any further condition in the interest of environment protection.	PPs Submission	Agreed Agreed to Comply Attachment: NA
41	MISCELLANEOUS	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	PPs Submission	Agreed Agreed to Comply Attachment: NA
42	Statutory compliance	The Above condition will be enforced inter-alia provision of the water (prevention and control of pollution) act, 1974, the Air (prevention and	PPs Submission	CTE, CTO, EC and public liability Insurance accorded under provision made i.e. Air & Water Act, Environment (P) Act and Public Liability Insurance Act, 1991. Copy of PLI is enclosed herewith as an Annexure.

		control of pollution) act, 198, the Environment protection Act, 1986, The Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other order passed by the Hon?ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.		Complied Attachment: <a href="#">Click to View</a>
43	Statutory compliance	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of days as prescribed under section of the National Green Tribunal Act, 2010	PPs Submission	Agreed Agreed to Comply Attachment: NA

## Document Upload

**Last Site Visit Report (if available)**

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**Last Site Visit Report Date (if available)**

09-02-2023

**Additional Attachment (if any)**

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**Additional Remarks (if any)**

Dear Sir/Madam, We are also submitting herewith the compliance report of the EC pertaining to letter no. J-11015/384/2012-IA. II(M) Dated 26/05/2016;Letter No. J-11015/384/2012-IA.II (M) Dated 12/12/2014 and Letter No. J-11015/339/2006-1A. II (M) dated 25/06/2007, as we are unable to upload to the portal. Thank You.

I 'Aridongri Iron Ore Mine of M/s Godawari Power & Ispat Limited' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

### Cover Letter From IRO

**Cover Letter From  
IRO**      NA

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