



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



Back

View Half Yearly Compliance Report at Project Proponent

Proposal Details

Proposal No

IA/MH/MIN/277982/2022

Category

Non-Coal Mining

Name of Project

Surjagarh Iron Ore Mines of Lloyds Metals & Energy Ltd.

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

MAHARASHTRA

District

GADCHIROLI

MoEF File No

J-11015/348/2005-IA.II(M)

Name of the Entity/**Corporate Office**

Lloyds Metals & Energy Ltd.

Entity's PAN

*****0830E

Entity Name as per PAN

LLOYDS METALS AND ENERGY LIMITED

Entity details mentioned above is correct ?

Agree

Covering Letter

Covering Letter

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Compliance Reporting Details

Reporting Year

2024

Reporting Period

01 Dec(01 Apr - 30 Sep)

Remark(if any)

Six Monthly EC Compliance Report of Surjagarh Iron Ore Mines of Lloyds Metals and Energy Ltd. for the period Apr to Sept 2024

Details of Production and Project Area

Date of Commencement of Project/Activity

05-05-2007

Project Area as per EC Granted(ha.)

Actual Project Area in Possession(ha.)

Private	0	0
Revenue Land	0	0
Forest	348.09	348.09
Others	0	0
Total	348.09	348.09

Land Documents

NA

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	Million Tons per Annum (MTPA)	10	10		23-02-2032	3.58
2	Iron Ore	Million Tons per Annum (MTPA)	10	10	Format1.0/CAC/UAN No.MPCB- CONSENT-0000188508/CR/2403003071	31-03-2029	9.99
3	Iron Ore	Million Tons per Annum (MTPA)	10	10	Format1.0/CAC/UAN No.MPCB- CONSENT-0000188508/CR/2403003071	31-03-2029	9.99
4	Iron Ore	Million Tons per Annum (MTPA)	10	10	Format1.0/CAC/UAN No.MPCB- CONSENT-0000188508/CR/2403003071	31-03-2029	9.99

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Corporate Environmental Responsibility	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 terms of the provisions of 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.	PPs Submission	A time bound action plan is submitted for the activities committed during public consultation and as discussed by the EAC. We are carrying the committed works in phased manner; - 30 bedded Multi specialty Hospital constructed at village Hedri and its in operational with qualified doctors and para medical staffs. - A CBSE English medium residential school is in operation from the academic year 2024. - For skill development training to locals, we have trained more than 1639 locals in different skills like Driving, Plumbing, Fire Fighting, Auto Electrician, Mechanical, Lathe, Tyre Fitter, Wheel Loader etc. - Solar based pumps provided to farmers - Tribal bhawan work is under progress - Village road augmentation work completed in Hedri, Bande, Manger and other areas. - Garment Center (Stitching) is constructed and its operational with more than 600 nos. of ladies employees, having more than 60 machines. Complied 29-11-2024 Attachment: Click to View
2	GREENBELT	The Project Proponent needs to complete the entire peripheral plantation under green belt, safety barrier plantation and gap plantation within three years from the start of mining operations. The project Proponent should plant quality sapling of appropriate height of native and fruit bearing species. In case of tall transplants (seedlings) the seedlings should have proper trained root stock with root biomass commensurate with seedling height to ensure good growth after out planting. Plantation shall be undertaken in consultation with the State Forest Department. The	PPs Submission	We are carrying the plantation as per approved mining plan and gap filling plantation in safety zone areas, during reporting of FY 2024-25 (till Sept, 24), we have planted 1795 no of saplings in safety zone and dump areas. As a total 5285 nos of plants have been planted till date. It also ensured healthy saplings of native species are planted. We have also developed a captive Nursery within the ML area having capacity of 5000 nos. We are also monitoring the survival of the plants and records are maintained. We are also ensuring the survival of more than 95 percentage with proper care like watering, manuring, weeding etc. The plantation status of the same is being submitted to IRO, MOEFCC on regular basis. Being Complied 29-11-2024 Attachment: Click to View

		Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 95% survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Integrated Regional Office.		
3	Human Health Environment	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance shall be carried through regular occupational health check-up every year for mine workers. PP shall also organize medical camp for the benefit of the local people and also the monitor the health impacts due to mining activity.	PPs Submission	We are periodically monitoring and maintaining the health records of the mine workers digitally. Regular surveillance is also carried through regular occupational health check-up as per DGMS guidelines. During the reporting period, 563 nos. of employees has undergone the occupational health surveillance checkup. We have also organized number of Mega Medical camp for the benefit of the local people and also the monitoring the health impacts due to mining activity. Being Complied 29-11-2024 Attachment:NA
4	LAND RECLAMATION	The over burden, waste and topsoil generated during the mining operations shall be stacked at ear marked OB dump sites only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dump / top soil dump like height, width and angle of slope shall be governed as per the approved mining plan and the guidelines / circulars issued by DGMS. The top soil shall be used for land reclamation and planation.	PPs Submission	The over burden is stacked at the ear marked areas within the mines lease area. The top soil generated is utilized for safety zone plantation and coir matting purposes. The OB / waste dump / top soil dump like height, width and angle of slope are maintained as per the approved mining plan and the guidelines / circulars issued by DGMS. The dump slopes are also covered with Coir mat and grass seed applications. The toe of each dump is provided with retaining walls followed by garland drains. Being Complied 29-11-2024 Attachment: Click to View
5	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	We are monitoring the peak particle velocity as per DGMS guidelines periodically for each blasting activity and there is no presence of any village within 1.75 Kms from the lease boundary. The monitoring results found are very well within the norms Being Complied 29-11-2024 Attachment: Click to View
6	AIR QUALITY MONITORING AND PRESERVATION	The Project Proponent shall install a minimum of 3 online AAQ station with 1 in upwind and 2 in downwind direction based on long term climatological data about wind direction such that an angle of 120 deg. is made between 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 NAAQs notification, 18.11.2009 covering the aspects of transportation and use of heavy machineries in the impact zone. The ambient air quality shall also be monitored at prominent places like office, building,	PPs Submission	We are abiding the said condition and installed 3 no. of CAAQMS station covering all the aspects as specified in upwind and downwind directions such that an angle of 120 degree is maintained in core and buffer zones of the mines. All the AAQ parameters are being monitored as per the guidelines. The ambient air quality is also monitored at prominent places like office, building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The test results found to be very well within the prescribed norms. The above data is also digitally displayed in front of the main gate of the mine site. Complied 29-11-2024 Attachment: Click to View

		canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally within 3 months in front of the main gate of the mine site.		
7	ENERGY PRESERVATION MEASURES	The Project Proponent shall explore the possibility of using electric/CNG/Solar based equipment's and machineries to reduce the diesel consumption	PPs Submission	We have already engaged electrical/ battery operated HEMMs of 9 no. of loaders, 34 no. of Dumpers (70 TON), 2 nos. excavator, 5 nos. electrical drill compressor, 13 no. LMV Cars in the mines operation. Apart from that, the roof top based solar power system is also installed for office premises Being Complied 11-01-2025 Attachment: Click to View
8	Human Health Environment	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance shall be carried through regular occupational health check-up every year for mine workers. PP shall also organize medical camp for the benefit of the local people and also the monitor the health impacts due to mining activity.	PPs Submission	We are periodically monitoring and maintaining the health records of the mine workers digitally. Regular surveillance is also carried through regular occupational health check-up as per DGMS guidelines. During the reporting period, 563 nos. of employees has undergone the occupational health surveillance checkup. We have also organized number of Mega Medical camp for the benefit of the local people and also the monitoring the health impacts due to mining activity. Being Complied 11-01-2025 Attachment: Click to View
9	MINING PLAN	The PP shall adhere to approved Mining Plan, inter alia including total excavation, mining technology, lease area, scope of working.	PPs Submission	We are adhering to the approved Mining Plan, inter alia including total excavation, mining technology, lease area, scope of working as approved by Indian Bureau of Mines (IBM), Gol. Being Complied 11-01-2025 Attachment:NA
10	PUBLIC HEARING	The budget of Rs. 58.71 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes.	PPs Submission	We are implementing the public hearing concerns in phased manner and the same will be completed within 3 years. However, during the reporting period we have completed the works like; - Overhead tank for drinking water facility with bore well provisions, - Skill development center is established and different skill development trainings are imparted in collaboration with different govt and private reputed institutes - Garment unit established and functioning, where more than 600 women are working - A 30 bedded multi specialist Hospital facility is provided with free medicines, treatment and door step ambulance facilities - A CBSE medium residential school is constructed and classes started from academic year 2024 onwards - Electricity connections are being provided to villages and transformers etc., - Employment preference is given to surrounding gram panchayat villagers, more than 2000 local villagers are employed in mining and allied works etc. The above activity is being maintained properly from time and records are kept updated. Being Complied 11-01-2025 Attachment: Click to View
11	Statutory compliance	This Environmental Clearance will be valid upto 9 years as the life of the mine is 9 years.	PPs Submission	We are abiding by the said condition. At present the mining plan got modified and approved by Indian Bureau of Mines, Gol with increased in resources, accordingly the life of mine is increased up to 32 years for which we have applied for expansion of EC capacity Being Complied 11-01-2025 Attachment:NA

12	Statutory compliance	The Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department	PPs Submission	We are abiding by the said condition and we have obtained the all the clearances from the respective authorities ; 1. Forest Clearance obtained over entire forest area (348.09 Ha) 2. Mining Plan got approved by IBM 3. Ground Water NOC obtained from CGWA 4. Wildlife Management Plan approved by PCCF (Wildlife) 5. Consent to Operate obtained from MPCB Complied 11-01-2025 Attachment: Click to View
13	Statutory compliance	EAC recommended for an amount of Rs. 26.64/- Cr towards Remediation plan and Natural and Community Resource Augmentation plan to be spent within a span of three years. The details of Remediation plan, Natural resource Augmentation plan and Community Resource Augmentation plan with budgetary provisions	PPs Submission	We are carrying out the implementation of Remediation plan, Natural Resource and Community Resource Augmentation plan in phased manner as per timeline. In line to the same, we have already spent more than Rs. 119.97 Crores till the reporting period, upto Sept, 2024. Being Complied 11-01-2025 Attachment: Click to View
14	Statutory compliance	Total budgetary provision with respect to Remediation plan and Natural and Community Resource Augmentation plan is Rs. 26.64/- Cr. Therefore, Project Proponent shall be required to submit a bank guarantee of an amount of Rs. 26.64/- Cr towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.	PPs Submission	We are abiding by the said condition and the project is implementing the remediation plan and Natural and Community Resource Augmentation Plan in phased manner as per the recommendation of EAC, MoEFandCC. Till reporting period, we have spent more than Rs. 119.97 crores. The same will be completed in 3 years period of time. Being Complied 11-01-2025 Attachment:NA
15	Statutory compliance	Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by regional office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.	PPs Submission	We are abiding by the said condition and the project is implementing the remediation plan and Natural and Community Resource Augmentation Plan in phased manner as per the recommendation of EAC, MoEFandCC. Till reporting period, we have spent more than Rs. 119.97 crores. The same will be completed in 3 years period of time. Being Complied 11-01-2025 Attachment:NA
16	Statutory compliance	The Project Proponent shall be required to remit the amount of Rs 5.48 Cr as per penalty provisions of SOP dated 07.07.2021 into the fund maintained by the concerned State Pollution Control Board. EC shall be issued on submission of proof regarding the same.	PPs Submission	We have already paid the amount of Rs. 5,48,00,000/- in the shape of DD in favour of the Regional Officer, Maharashtra Pollution Control Board, Chandrapur bearing DD no. 262195 dt. 31.01.2023, accordingly EC is granted to us. Complied 11-01-2025 Attachment: Click to View

17	Statutory compliance	The Environmental Clearance will not be operational till such time the Project Proponent complies with all the statutory requirements and judgment of Honble Supreme Court dated the 2 August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	PPs Submission	We are operating the mines with complying all the statutory requirements and judgment of Honble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. 1.Forest Clearance obtained over entire forest area (348.09 Ha) 2.Mining Plan got approved by IBM 3.Ground Water NOC obtained from CGWA 4.Wildlife Management Plan approved by PCCF (Wildlife) 5.Consent to Operate obtained from MPCB Complied 11-01-2025 Attachment:NA
18	Statutory compliance	State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining and Geology in strict compliance of judgment of Honble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	PPs Submission	There is no such demand from the State Govt. w.r.t. this project since there is no such violation exists as per the judgment of Honble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors Complied 11-01-2025 Attachment:NA
19	Statutory compliance	The Project Proponent should install the continuous ambient air quality monitoring stations (CAAQMS) as per the scientific study and in consultation with CPCB/SPCB. The real time data so generated should be displayed digitally at entry and exit gate of mine lease area for public display and shall be linked to server of CPCB/SPCB	PPs Submission	We have already installed 3 nos. CAAQM Station as per the scientific study and in consultation with MPCB, Maharashtra and real time data is being displayed digitally at the entry/ exist gate of the mines lease area for public domain and linked with MPCB/ CPCB Server. Complied 11-01-2025 Attachment:NA
20	MISCELLANEOUS	The Project Proponent shall effectively utilize the low grade Iron ore	PPs Submission	The low-grade ore is effectively utilized having proper blending with high grade ores. Further, the project has explored the iron ore resources far below the threshold value (45 percentage Fe) i.e. cut off 20 percentage Fe and proposed to establish the BF plant by conducting the Lab and Pilot scale studies. ToR obtained from SEAC, Maharashtra for establishment of the low-grade iron ore/ BHQ Beneficiation Plant. Being Complied 11-01-2025 Attachment:NA
21	MISCELLANEOUS	The Project Proponent has submitted the Site Specific Wildlife Management Plan to State Forest Department vide letter dated 23.12.2022. The instant EC shall be functional upon the proof of submission of funds for updated/ approved above said plan and its initiation/ commencement by Forest Department to IRO/ Ministry. Till the time Site Specific Wildlife Management Plan is approved, funds are deposited with State Govt. and plan is initiated/commenced, the project proponent shall	PPs Submission	The Site-Specific Wildlife Conservation Plan is prepared and got approved by the PCCF (Wildlife), Nagpur dt. 15.02.2023. Based on the demand by the Forest Dept., we have paid the amount of Rs. 683.50 lakhs in favour of Deputy Conservator of Forest, Bhamragarh Forest Division, Allapali vide payment UTR no. KKBKR22023022407932990 dt. 24.02.2023, accordingly the Environmental Clearance is granted and mines is in operation with the enhanced iron ore production capacity of 10.0 MTPA. Complied 11-01-2025 Attachment: Click to View

		restrict its production upto 3.0 MTPA.		
22	MISCELLANEOUS	The Project Proponent needs to establish the parks like butterfly park, biodiversity park etc., in the already identified land as committed by the Project Proponent before the EAC.	PPs Submission	We have surveyed and completed the biological assessment for the butterfly and biodiversity park in the Etapali vicinity in association with State Forest Dept. The study report is submitted to DCF, Bhamragarh for further action. In this regard, we have paid Rs. 1.00 Crores to State Forest Dept. for implementation of same and extending the technical support for implementation of same as desired. In this regard, State Forest Dept. has started the work of Biodiversity Park at Etapali over an area of 13 Acres and spent Rs. 56.47 Lakhs towards the same during the year 2024 Being Complied 11-01-2025 Attachment:NA
23	MISCELLANEOUS	Vacuum cleaner for cleaning of dust from permanent haul road within the lease area and workshop for vehicle washing facility shall be provided.	PPs Submission	We have already engaged 1 no. road sweep cum vacuum clean machine for dust control measures on the mineral transportation roads and workshop areas. We have also established a vehicle washing facility with oil and grease separation unit in the workshop for treatment of workshop effluent water. Being Complied 11-01-2025 Attachment: Click to View
24	MISCELLANEOUS	The Project Proponent needs to install the proposed rooftop rainwater harvesting structure and additional rainwater harvesting structures within 6 months from the date of issue of this EC.	PPs Submission	We have implemented roof top rain water harvesting structures for Camp premises, workshop areas and Hospital buildings with proper recharge structures towards ground water recharge purposes within the stipulated time period Being Complied 11-01-2025 Attachment:NA
25	MISCELLANEOUS	The Project Proponent should adopt the proper mitigation measures as proposed under EMP with budgetary provision of Rs. 4.425 Crores. The adoption of mitigation measures and monitoring of the same as proposed in the EMP shall be done under the supervision of the qualified environmental personnel. The implementation status of the same shall be submitted to the Ministries Integrated Regional Office.	PPs Submission	We have implemented different environmental safeguard measures w.r.t Air, Water, Soil, Noise and Waste management. The monitoring of the same is also carried as per EMP. The implementation status of same is also submitted to IRO, MoEFandCC on regular basis. We have spends more than Rs. 6.73 Crores during FY 2024-25 (till Sept, 24) The project has also established an Environment Mang. Cell with qualified personnel to look after the compliance management of the project. Being Complied 11-01-2025 Attachment: Click to View
26	MISCELLANEOUS	The Project Proponent should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non-compliance or infringement should be reported to the concerned authority.	PPs Submission	Presently, we are carrying the environmental monitoring by engaging NABL and MoEFandCC accredited laboratories for monitoring of different Air, Water, Soil, Noise parameters etc. The in-house environment laboratory for monitoring and measurement of above parameters is facilitated with Environmental Engineers, laboratory Chemists etc. and Environment Management Cell is also functional to monitor and management of the site compliance management purposes. Being Complied 11-01-2025 Attachment:NA

27	Human Health Environment	As committed by the Project Proponent, multi-specialty hospital shall be established.	PPs Submission	We have already constructed a 30 bedded multi-specialty Hospital at Hedri village and the hospital is running with more than 78 qualified doctors and paramedical staffs. Free medicines, treatment and door step ambulance facility is provided to local villagers. Complied 11-01-2025 Attachment: Click to View
28	Statutory compliance	Approval/ permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.	PPs Submission	We have already obtained the GW NOC from CGWA for drawing of the ground water quantity of 70 KLD and the same got renewed vide CGWA approval no. CGWA/NOC/MIN/REN/1/2024/10185 dt. 22/11/2024. Complied 11-01-2025 Attachment:NA
29	Statutory compliance	The Project Proponent needs to obtain the permission for withdrawal of Surface water from the Department of Water Resources, Government of Maharashtra before start of mining operations of this instant EC.	PPs Submission	We have already obtained the surface water permission from Bande River for withdrawal of the surface water from Dept. of Water Resources for 13200 KLD quantity. Complied 11-01-2025 Attachment: Click to View

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading point and transfer points. The fugitive dust emissions from all the sources shall be controlled regularly by installation of required equipment's / 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 ensured that air pollution level conform to the standards prescribed by the MoEF&CC/ CPCB.	PPs Submission	We have installed 3100 m length of fixed sprinkling system on the mines haul roads, engaged 5 X 20, 7 X 10, 2 X 8 KL capacity mobile water tanker sprinklers for dust suppression purposes of the other part of the mines lease area. All the crusher and screen plants are equipped with cold fog dust suppression (CFDS) system and hoods over the conveyor belts. 10 nos. of mist cannon is also placed at different locations for dust suppression purposes. All the monitoring test results confirms very well within the prescribed norms. Being Complied 11-01-2025 Attachment: Click to View
2	WATER QUALITY MONITORING AND PRESERVATION	In case, immediate mining scheme envisages intersection of ground water table, then EC shall become operational after receiving formal clearance from CGWA. In case mining operation involves intersection of ground water table at a large stage, then PP shall ensure that prior approval from CGWA &	PPs Submission	There is no intersection of the ground water table as the ultimate mining working is at 500 RL during the end of plan period in Central Pit and ground water table exists at 260 RL. We have also obtained the ground water NOC from CGWA for drawal of the ground water Being Complied 11-01-2025 Attachment:NA

		MOEF&CC is in place before such mining operations. The permission for intersection of GW table shall be essentially be based on detailed hydro-geological study of the area.		
3	WATER QUALITY MONITORING AND PRESERVATION	The PP shall undertake regular monitoring of natural water resources / springs and perennial nalals existing / flowing in and around the mines lease including U/S and D/S. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. 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 MoEF&CC. 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 and Forests and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, SPCB and CPCB clearly showing the trend analysis on six monthly basis.	PPs Submission	We are regularly monitoring the ground water level and quality analysis in and around the mines lease area. The water level is being monitored by establishing 1 no. piezometer. If any changes in GW level and quality we will inform the authority accordingly. Being Complied 11-01-2025 Attachment: Click to View
4	WATER QUALITY MONITORING AND PRESERVATION	PP shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground resources in the area in consultation with the Regional Director, Central Ground Water Board / SGWD. A report on amount of water recharged needs to be submitted to RO, MoEF&CC annually.	PPs Submission	We have already implemented rain water harvesting structures in mines premises having number of Check dams and settling cum harvesting ponds at the strategic location of the project area towards augmentation of the ground water resources Being Complied 11-01-2025 Attachment: Click to View
5	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 standards prescribed from time to time. The standards shall be prescribed through CTO	PPs Submission	We have established oil and grease trap system having oil skimmer for treatment of workshop effluents at the Maintenance Workshop Area. The treated water is being analyzed and test results found to be well within the norms. Being Complied 11-01-2025 Attachment:NA

		issued by the concerned SPCB. The workshop effluent shall be treated after its initial passage through Oil and grease trap.		
6	WATER QUALITY MONITORING AND PRESERVATION	The water balance / water audit shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of MoEF&CC and SPCB / Committee.	PPs Submission	We are abiding by the said condition and the water balance / water audit is being carried out. All the measures for reducing the consumption of water is being carried and reported to the Regional Office of MoEFandCC and SPCB. - 80 percentage of treated water generated from STP is being reused - Auto fixed sprinkling systems are in palce which consumes less water from conventional sprinkling system. - Water efficient mist cannon are in place. Being Complied 11-01-2025 Attachment:NA
7	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. PPE's must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.	PPs Submission	There is no presence of any village within 1.75 Kms from lease boundary. No lighting system is facing towards the villages, so there is no disturbance of the biological clock of the villagers. The mine is also carrying the controlled blasting as per CIMFR recommendations, so there is no impact of dust and noise on the villagers due to blasting. Being Complied 11-01-2025 Attachment: Click to View
8	Noise Monitoring & Prevention	The PP shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. Should be provided with ear plugs/muffs. All personnel including labourers 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 / labourers are working without personal protective equipment.	PPs Submission	Workers engaged in Operations are provided with earplugs/muffs and other safety gadgets, besides this acoustic enclosure for all machine operating cabins are provided. It is being monitored by Noise Level Meter; the results reveal very well within norms. Adequate training, awareness and information on safety and health aspects is being imparted to the workers and employees from time to time. Being Complied 11-01-2025 Attachment: Click to View
9	MINING PLAN	The PP shall adhere to approved Mining Plan, inter alia including total excavation, mining technology, lease area, scope of working..	PPs Submission	We are adhering to the approved Mining Plan, inter alia including total excavation, mining technology, lease area, scope of working as approved by Indian Bureau of Mines (IBM), GoI. Being Complied 11-01-2025 Attachment:NA
10	MINING PLAN	The land use of the mines lease area at various stages of mining	PPs Submission	We are working as per the approved mining plan. There is no such back filling proposal in the present scheme of mining i.e. until FY 2026-2027

		<p>scheme as well as at the end of life shall be governed as per the approved mining plan. The excavations-a-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 MoEF&CC and its concerned Regional Office.</p>		<p>Being Complied 11-01-2025 Attachment:NA</p>
11	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 climatic parameter 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/ leveling of dump mass. In critical area, use of geo textiles/geo-membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.</p>	<p>PPs Submission</p>	<p>The slope of dumps are properly terraced and stabilized with coir mat and grass seed applications. The dumps are compacted with the help of dozer/compactors thereby ensuring proper filling/ leveling of dump mass. In critical area, geo textiles/ geo-membranes are used for stabilization of the dumps. At the toe of each dump, retaining wall structures are provided for better dump management practices.</p> <p>Being Complied 11-01-2025 Attachment: Click to View</p>
12	LAND RECLAMATION	<p>Catch drain, settling tanks and siltation ponds of appropriated size shall be constructed around the mine working, minerals yards and top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/River/Ponds 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</p>	<p>PPs Submission</p>	<p>In the entire area, where ever possibility of wash off, flow of sediments etc. is anticipated retaining wall, garland drain and check dam have been. The Retaining wall followed by garland drains, Check dams, Sedimentation pit, silting pit structures got implemented and being de-silted after each monsoon based on the annual average rain fall data. Beside this nos of water check dam cum reservoir has been constructed. Numbers of catch drains and sedimentation pits have been constructed around the mines working area in order to avoid the silt entry into first and second order streams as well as nearby water bodies. Time to time de-silting activity is being followed</p> <p>Being Complied 11-01-2025 Attachment: Click to View</p>
13	AIR QUALITY MONITORING AND PRESERVATION	<p>The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be</p>	<p>PPs Submission</p>	<p>We have installed bag filter systems in Crusher Plant and cold fog dust suppression (CFDS) system and hoods over the conveyor belts. We have also established necessary measures to avoid generation of fugitive dusts emissions by engaging mobile water</p>

		<p>installed at Crushers, and other areas prone to air pollution. PP shall take necessary measures to avoid generation of fugitive dust emissions. The dense plantation shall be carried out in the vicinity of the crusher. The Stack emission monitoring of the Crusher shall be carried out at periodic intervals.</p>		<p>sprinkling tankers and mist cannons at the strategic locations. The stack emission monitoring is being carried at periodic intervals and the test results found to be very well within the norms.</p> <p>Being Complied 11-01-2025 Attachment: Click to View</p>
14	GREENBELT	<p>The Project Proponent shall develop greenbelt in 7.5m wide safety zone all 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</p>	PPs Submission	<p>We are carrying the plantation as per approved mining plan and gap filling plantation in 7.5 m wide safety zone areas, during reporting of FY 2024-25 (till Sept, 24), we have planted 1795 no. of saplings in safety zone and dump areas. As a total 5285 nos. of plants have been planted till date. It also ensured healthy saplings of native species are planted. We have also developed a captive Nursery within the ML area having capacity of 5000 nos. We are also monitoring the survival of the plants and records are maintained. We are also ensuring the survival of more than 95 percentage with proper care like watering, manuring, weeding etc. The plantation status of the same is being submitted to IRO, MOEFCC on regular basis.</p> <p>Being Complied 11-01-2025 Attachment: Click to View</p>
15	MISCELLANEOUS	<p>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</p>	PPs Submission	<p>The digital map of the entire lease area will be submitted once in 5 years i.e. 2028 for monitoring of land use pattern to IRO, MoEFandCC, Nagpur.</p> <p>Being Complied 11-01-2025 Attachment:NA</p>
16	MISCELLANEOUS	<p>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</p>	PPs Submission	<p>We are abiding by the said condition and inform your good office well in advance 2 years prior to final closure of the mines.</p> <p>Being Complied 11-01-2025 Attachment:NA</p>
17	MISCELLANEOUS	<p>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 and State Pollution Control Board.</p>	PPs Submission	<p>We are abiding by the said condition and submitting the six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC and its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board. Sl. No. Period Date of Submission 1 Oct, 23 to Mar, 24 01/06/2024 2 Apr, 23-Sep, 23 28/11/2023 3 Oct, 22-Mar, 23 01/06/2023</p> <p>Being Complied 11-01-2025 Attachment:NA</p>
18	MISCELLANEOUS	<p>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</p>	PPs Submission	<p>A separate Environmental Management Cell with suitable qualified manpower i.e. Environmental Scientist, Mining Engineers, etc. set-up under the control of a Senior Executive. The Senior Executive is directly reporting to Head of the Organization</p> <p>Complied 11-01-2025 Attachment: Click to View</p>

		Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.		
19	MISCELLANEOUS	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.	PPs Submission	We are abiding by the said condition and extending the full support while visit of the MOEFCC officials visit to the mines Being Complied 11-01-2025 Attachment:NA
20	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) No114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake re-grassing 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.	PPs Submission	We are abiding by the said condition Being Complied 11-01-2025 Attachment:NA
21	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	We are abiding by the said condition. Being Complied 11-01-2025 Attachment:NA
22	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	We are abiding by the said condition. Being Complied 11-01-2025 Attachment:NA
23	Statutory compliance	The Environmental Clearance will not be operational till such time the Project Proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2 August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	PPs Submission	We are operating the mines with complying all the statutory requirements and judgment of Honourable Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. 1.Forest Clearance obtained over entire forest area (348.09 Ha) 2.Mining Plan got approved by IBM 3.Ground Water NOC obtained from CGWA 4.Wildlife Management Plan approved by PCCF (Wildlife) 5.Consent to Operate obtained from MPCB Complied 11-01-2025 Attachment:NA
24	Statutory compliance	A copy of clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom	PPs Submission	Its complied with submission of EC letters to local Panchayat /NGOs etc. Complied

		suggestion/ representation has been received while processing the proposal.		11-01-2025 Attachment: Click to View
25	Statutory compliance	State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.	PPs Submission	Its being complied by MPCB. Complied 11-01-2025 Attachment:NA
26	Statutory compliance	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at (www.parivesh.nic.in). A copy of the same should be forwarded to the Regional Office for compliance and record.	PPs Submission	We have advertised in two local newspapers widely circulated daily i.e. The Lokmat (largest circulated Marathi daily) and The Times of India English daily newspaper on dt. 04.03.2023 by informing that the project has been accorded EC. The details of same is also submitted to IRO, MoEFandCC, Nagpur vide our letter dt. 04.03.2023. Complied 11-01-2025 Attachment: Click to View

Document uploaded by the PP

Last Site Visit Report (if available)

NA

Last Site Visit Report Date (if available)

Additional Attachment (if any)

NA

Additional Remarks (if any)

To Deputy Director General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur 440001 Subject - Submission of Environmental Clearance condition compliances of Surjagarh Iron Ore Mines of Lloyds Metal and Energy Ltd for iron ore production of 10.0 Million TPA (ROM) for the period April to September, 2024 Reference 1. Ministrys EC Identification No EC23A001MH116618 bearing file no J-11015/348/2005-IA.II(M) dated 24.02.2023 for 10.00 Million TPA (ROM) Iron Ore Production. 2. MoEFCC notification no. 4624 (Published in Gazette of India) Dt. 26.11.2018. Dear Sir, With reference to the above cited subject and gazette notification, we would like inform your good office that, due to server issue in Parivesh Portal, the six monthly compliance status of the EC conditions through Parivesh portal was not submitted in due time. However, we have submitted the same pointwise compliance in email to IRO, Nagpur, Maharashtra on dt. 29/11/2024 alongwith comprehensive data analysis reports (supporting photographs and monitoring reports) for the period April, 2024 to September, 2024 in respect of Surjagarh Iron Ore Mines of M/s. Lloyds Metal and Energy Ltd. After resolve of the issue in Parivesh Portal, we are herewith submitting the same through online mode. Thanking you. Yours faithfully, For Lloyds Metals and Energy Ltd.

- ☒ I '[Lloyds Metals & Energy Ltd.](#)' 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 RO/SRO

Cover Letter From RO/SRO

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