



स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
बोकारो इस्पात संयंत्र
BOKARO STEEL PLANT
गुआ अयस्क खान
GUA ORE MINES

Date: 27.05.2022

Ref. No. : GUA/E&L/Topailore-EC Compl. _H2/2022-23/ 066

To,

The Addl. PCCF (C)
Ministry of Environment, Forest and Climate Change
Regional Office (ECZ)
Bungalow No. A - 2, Shyamali Colony
Doranda, Ranchi - 834 002

Sub: Compliance Report of Environmental Clearance accorded by MoEF&CC to the Topailore Iron Ore Mining Project of Gua Ore Mines of SAIL, located in Ghatkuri Reserve Forest, Tehsil Gua, West Singhbhum Dist., Jharkhand

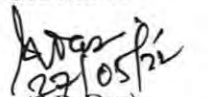
Ref.: 1. Ministry's Environment Clearance Letter No. EC/SEIAA/2015-16/694/2015/1291, dated 17.08.2015
2. EC amendment vide Letter No. J-11015/272/2011-IA.II(M) dated 19.05.2020

Sir,

As per the provisions of the condition no. (17) of above stated Environmental Clearance order granted to the Topailore Iron Ore Mining Project of Gua Ore Mines, the six monthly compliance report on the conditions stipulated in the Environmental Clearance for the period from *October 2021 to March, 2022* is enclosed herewith for kind perusal please.

Thanking you.

For & on behalf of
SAIL-BSL, Gua Ore Mines


(S.P. Das)

General Manager (Mines) and E&L

Encl: As stated above

Copy to:

1. Director, IA, MoEF&CC, GOI, Indira Paryavaran Bhavan, Aliganj, Jor Bagh Road, New Delhi - 110 003.
2. Member Secretary, JSPCB, HEC, Dhurwa, Ranchi - 834 004.
3. In-charge, Eastern Zone, CPCB, Southern Conclave, Block 502, 5th & 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700 107 (W. B.)
4. The Regional Office, JSPCB, Jamshedpur

सिंहभूम (पश्चिम), झारखण्ड-833213, दूरभाष:(का): 06596-263713, फैक्स : 06596-263714,
Singhbhum (West), Jharkhand-833213, Phone : (O) 06596 - 263713, Fax : 06596-263714.

E-mail/ई-मेल: gmguamines@gmail.com, Website : www.sail.co.in



Compliances for conditions of Environmental Clearance (Vide Order no. EC/ SEIAA/2015-16 /694/2015/1291, dated 17.08.2015 & EC Amendment Order No. J-11015/272/2011-IA.II (M) dated 19.05.2020) of Topailore Iron Ore Mining Project of Gua Ore Mines of M/s. STEEL AUTHORITY OF INDIA LTD (SAIL)-(Period: October, 2021 – March, 2022)

SL.	CONDITION	COMPLIANCES
A. Specific Conditions:		
1.	This Environment Clearance is valid subject to the following condition below – That this project has- a. Obtained all legal rights to operate at concerned place. b. Complied with all existing concerned laws of the land and c. Complied with the decisions of SEIAA on the issue of Environment Clearance till date.	Agreed to.
2.	The Environment Clearance is subject to renewal of mining lease as per Rule 24 A of mineral concession Rule 1960 and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.	Agreed to.
3.	At the time of obtaining Consent to establish/ Consent to Operate, PP should submit sitemap duly signed by PP and DMO to JSPCB & SEIAA.	Consent to Establish (CTE) and Consent to Operate (CTO) were granted by JSPCB under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 vide Ref No.: JSPCB/HO/RNC/CTE-8139793/2020/245 dated 19.06.2020 and vide reference no. JSPCB/HO/RNC/CTO-8312053/2020/1190 dated 28.07.2020 respectively. Sitemap was submitted to JSPCB along with application for Consent to establish (CTE).
4.	At the time of obtaining consent to operate, PP will erect boundary pillars to demarcate boundary of lease. GPS reading, backward – forward bearing & pillar to pillar distance is to written on each pillar. Pillar wise list will be submitted to SEIAA and JSPCB before issue of Consent to	The demarcation of boundary of diverted forest land which itself is the total mining lease area (14.15 ha) and safety zone (7.5-meter strip within the boundary of the mining lease area), and its protection by erecting adequate number of 4 feet high RCC



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	Establish/Consent to Operate.	boundary pillars inscribed with DGPS coordinates along-with fencing has been undertaken. Copy of the survey map including DGPS co-ordinates has been submitted to concerned statutory bodies before issue of Consent to Establish/Consent to Operate.
5.	All the conditions stipulated by the State Pollution Control Board in their NOC shall be effectively implemented.	Agreed. All the conditions stipulated by the State Pollution Control Board in their NOC will be effectively implemented.
6.	Environment Clearance is subject to obtaining clearance under Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.	The condition is not applicable as there is no designated wildlife protected area/wildlife sanctuary within 10 Km radius to the project site.
7.	Necessary permission from the Forest Department for transportation of minerals through the forest road shall be revalidated before restarting the mining operations.	Adhere to the imposed condition.
8.	The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved mining plan.	<p>Topailore Mine Lease does not have any geological reserves of iron ore. The iron ore deposited in Topailore lease are those which have been washed down from the fines dump of Duarguiburu Lease and dumped on flat ground. The mine will be worked by means of opencast mechanized method of mining using pay-loader, dozer and dumper. No drilling and blasting will be required.</p> <p>The Ground Water Table in the Lease area occurs at 400 m AMSL whereas ultimate pit limit will be the original ground level i.e. 470 m AMSL whereas the current depth of the pit is 515 m AMSL. So there will be no intersecting of ground water table during mining</p>

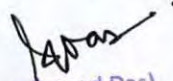
(Sankar Prasad Das)
General Manager (Mines) & E&I.
SAIL- , Gua Ore Mines



SL.	CONDITION	COMPLIANCES
		operations at the mine.
9.	The project proponent shall ensure that no natural watercourse shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of first order and second order streams, if any emanating / passing through the mine lease area during the course of mining operation.	There is no any natural watercourse in the mining lease area, however, adequate measures will be taken for conservation and protection of first order and second order streams present in nearby area of mine lease during the course of mining operation
10.	The top soil shall temporarily be stored at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.	Topailore Mine Lease does not have any geological deposit of iron ore. The iron ore deposited in Topailore lease are those which have been washed down from the processed fines dump of Duarguiburu Lease (adjacent main mining lease of Gua Ore Mines) and dumped on flat ground. The mine will be worked by means of opencast mechanized method of mining using pay-loader, dozer and dumper. No drilling and blasting will be required. Therefore, there will be no instance of encountering top soil.
11.	The entire waste generated shall be backfilled and there shall be no external overburden dump left at the end of mine life. The entire backfilled area shall be reclaimed by plantation. The back filling should be carried out in such a manner that it is restored to the normal ground level. Monitoring and management of rehabilitated areas should continue until the vegetation become self- sustaining. Compliance status should be submitted to Jharkhand state Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.	Noted for compliance.
12.	Catch drains and siltation ponds of appropriate size should be constructed for the working pit, temporary OB dumps, If any and mineral dump to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The Drains	As practiced in the adjacent lease (Duarguiburu main mining lease under Gua Ore Mine) of the said project, all mining pits, the storm water in the rainy season is being drained & collected in mining pits, which has almost totally eliminated the discharge of storm



SL.	CONDITION	COMPLIANCES
	should be regularly desilted, particularly after monsoon, and maintained properly.	water from mining pit. A detailed study has been conducted by IIT Kharagpur for identifying places vulnerable to erosion, surface runoff control and suggesting mitigative measures. Based on the recommendations of IIT KGP, as practice is being followed in adjacent lease, the protective measures viz. garland drains, settling tanks and check dams of appropriate size will be constructed during the period of operation in addition to existing control measures as per requirement. Actions are being taken for utilizing stored water for watering the mine area, roads, greenbelt development etc. Existing drains and sedimentation pits are regularly desilted, after monsoon, and maintained properly.
13.	Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and temporary dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.	Garland drain of appropriate size, gradient and length will be constructed for mine pit and temporary sump capacity will also be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years' data) and maximum discharge in the area adjoining the mine site. As done in past within the adjacent lease of Gua, sedimentation pits will be constructed at the corners of the garland drains and the same will be desilted at regular intervals. These measures will be taken as when required depending upon the topography and field condition of the site.
14.	Dimension of the retaining wall at the toe of the temporary dumps and OB benches within the mine to check run-off and siltation should be based on the rain fall data	No overburden dump will be created in the mining period because this project is only for excavation of existing silted fines within the lease hold area.
14 (1).	Plantation shall be raised in the 7.5 m wide green belt in the safety zone around the mining lease by planting native species around ML area, backfilled and reclaimed area, around water body, roads etc. in consultation with local DFO/ Agriculture Department. Greenbelt shall be	Agreed.


 (Sankar Prasad Das)
 General Manager (Mines) & E&L
 SAIL- , Gua Ore Mines

SL.	CONDITION	COMPLIANCES
	developed all along the mine lease area and haul roads. The project proponent shall do tree plantation in at least 33% of the space preferably along the periphery and in vacant species. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant tree due to nature of land then PP will do necessary afforestation at other place/land.	
15.	Regular water sprinkling shall be carried out in critical areas prone to air pollution & having high levels of SPM and RSPM such as haul road, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control board in this regard.	In adjacent Duarguiburu Lease, High pressure Water Sprinklers (28 KL) have been deployed for regular water sprinkling on Haul Roads and other dust prone areas. In addition to this, installed permanent sprinklers of Gua ore mines along the main approach haul roads and other critical areas. Spray nozzles have also been provided at the hopper as well as screening & transfer points at Ore Processing Plant. All these dust control measures installed at Duarguiburu mines have significantly controlled fugitive dust generation and helped in maintaining the air quality in and around the mines. The same arrangement will be made for Topailore mining lease of Gua Ore Mines whenever it will be operational.
16.	The project authority should implement suitable conservation measures to augment the ground water resource in the area in consultation with Ground Water Directorate, Government of Jharkhand / Central Ground Water Board / Authority.	Suitable conservation measures to augment the ground water resource in the area in consultation with Ground Water Directorate, Government of Jharkhand are under implementation. Water conservation through construction of sedimentation cum rain water harvesting pits and Gully plugging etc. has already been implemented. Additionally, rooftop rainwater harvesting system is also being implemented in Gua township. Work Order has already been issued for construction of rooftop rainwater harvesting system at Director Bungalow and Guest House buildings of Gua Township. The same will be completed prior to upcoming

SL.	CONDITION	COMPLIANCES
		monsoon season of the year 2022.
17.	The Project authority should obtain prior approval of the competent authority for drawl of water required for the project.	Permission for drawl of required water has already been taken from Water Resource Department, Govt. of Jharkhand.
18.	Suitable rainwater harvesting measures shall be planned and implemented in consultation with Ground Water Directorate, Government of Jharkhand/ Central Ground Water Board / Authority.	Suitable conservation measures to augment the ground water resource in the area in consultation with Ground Water Directorate, Government of Jharkhand are under implementation. Water conservation through construction of sedimentation cum rain water harvesting pits and Gully plugging etc. has already been implemented. Additionally, rooftop rainwater harvesting system is also being implemented in Gua township. Work Order has already been issued for construction of rooftop rainwater harvesting system at Director Bungalow and Guest House buildings of Gua Township and the work for the same has been completed.
19.	Vehicular emission shall be kept under control & regularly monitored. Measures shall be taken for maintenance of vehicle used in mining operation & in transportation of Minerals. The vehicle shall be covered with a tarpaulin & shall not be overloaded.	Noted for compliance.
20.	Blasting operation should be carried out during the daytime. Control Blasting should be practiced. The mitigative measures for control of ground vibration & to arrest fly rocks and boulders should be implemented	The mine will be worked by means of opencast mechanized method of mining using pay-loader, dozer and dumper. No drilling and blasting will be required.
21.	Drills shall either be operated with dust extractors or equipped with water injection system.	The mine will be worked by means of opencast mechanized method of mining using pay-loader, dozer and dumper. No drilling and blasting will be required.



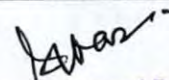
SL.	CONDITION	COMPLIANCES
22.	Effective safeguard measures should be taken to control the fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.	Effective safeguard measures will be taken to control the fugitive emission.
23.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project are carried out and records maintained for Duarguiburu Mining Lease of Gua Ore Mines. The same practice will be followed for Topailore Mining lease of Gua Ore Mines.
24.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	In Gua Ore Mines most of the construction labour are hired from the local villages and only few are being hired from outside, for which housing facilities along with necessary infrastructure are being provided at the existing colony of the mines.
25.	Proper Safety measures as per statutory requirement are to be implemented around the mined out pit prior to closure of site.	Proper Safety measures as per statutory requirement will be implemented around the mined out pit prior to closure of site.
26.	A final mine closure plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand state Pollution Control Board, Ranchi and the concerned DMO in advance to the final closure for approval.	Indian Bureau of Mines (IBM), Ranchi has approved Modification in approved of Mining Plan & Progressive Mine Closure Plan (PMCP) for period from 2017-18 to 2021-2022 vide letter No. RAN/WSB/Fe/MP-14/2019-20 dated 26.12.2019. Approval of final mine closure plan (FMCP) from Competent Authority (Indian Bureau Of Mines) will be obtained after total exhaust of mineral from the lease.
27.	Consent to Operate should be obtained from JSPCB before starting production from the Mine.	Consent to Establish (CTE) and Consent to Operate was granted by JSPCB under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air

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		(Prevention & Control of Pollution) Act, 1981 vide Ref No.: JSPCB/HO/RNC/CTE-8139793/2020/245 dated 19.06.2020 and vide reference no. JSPCB/HO/RNC/CTO-8312053/2020/1190 dated 28.07.2020 respectively. Production from the Mines will be started after release of land from State Govt. The compliance of Stage-II Forest Clearance conditions has already been submitted to State Forest Department and State Forest Department has forwarded the same to State Govt. for release of land.
<u>B. General Conditions:</u>		
1.	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	Agreed. There will be no change in mining technology and scope of working without prior approval of the Ministry of Environment & Forest. The Amendment made in Environmental Clearance (EC) Order No. J-11015/272/2011-IA.II (M) dated 19.05.2020 of Topailore Iron Ore Mining Project of Gua Ore Mines which will be strictly followed by Gua Ore Mines.
2.	No change in the calendar plan including excavation, quantum of mineral iron ore and waste should be made.	No change in the calendar plan including excavation, quantum of mineral iron ore and waste will be made. ROM production will be kept within permitted capacity in the EC / approved Review of Mining Plan & PMCP.
3.	The project proponent shall maintain register for production and dispatch and submit return to the Board.	Register for production and dispatch will be maintained once the production start from the mines also periodic return will be submitted to the Board.
4.	The project proponent shall not cut trees/ carry out tree felling in leased out area without the permission of competent authority.	Permission from competent authority will be taken for tree cutting / tree felling as and when required.
5.	Four ambient air quality-monitoring stations should be established in the	Since Topailore mining lease is one of the four mining lease of



SL.	CONDITION	COMPLIANCES
	core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 microns i.e. PM10 and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Gua Ore Mines, ambient locations will be same as for the Duarguiburu Mining lease. Ambient Air quality monitoring at four locations is being carried out regularly and reports are being submitted to Jharkhand State Pollution Control Board.
6.	Regular monitoring of ground water level & quality should be carried out in & around the mine lease by establishing a network of existing wells and constructing new piezometers during the operation. The monitoring should be carried out four times in a year i.e. January, April-May, August, November and the data thus collected may be sent regularly to Jharkhand state Pollution Control Board, Ranchi and its nearest Regional Office / Ground Water Directorate, Government of Jharkhand / Central Ground Water Board / Authority.	Four open wells have been selected all around the Gua Ore Mines viz. (i) Guasai – Forest Bungalow, (ii) Ghatkuri Village, (iii) Chota Nagra-Baihatu Village & (iv) Baraiburu village Near Pool, for regular monitoring of ground water levels & quality. The regular monitoring of the same is being carried out on quarterly basis and data are being submitted to JSPCB.
7.	The project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises. Fugitive dust emission from all sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Most of the internal roads are made pucca. Good housekeeping is being maintained by regular cleaning and wetting of the haul roads and the premises. Effective measures have been taken to control fugitive dust within the prescribed standards. Water spraying arrangement on haul roads and other strategic points will be provided and the same will be properly maintained.
8.	Measures should be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs	Measures for control of noise levels are being taken regularly to maintain the noise levels below 85 dB(A). Workers engaged in operations of HEMM, Ore Crushing & Screening areas, are being provided with ear plugs / muffs and are motivated time to time to use the safety equipments for the whole period of their engagement in work.

SL.	CONDITION	COMPLIANCES
9.	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of effluent from workshop.	Necessary provisions for treatment & recycling of effluents from the proposed beneficiation plant will be taken during the commissioning of Beneficiation Plant. Installation of oil and grease trap along with vehicle washing ramp, maintenance bay and covered storage yard for proper handling of hazardous waste for the workshop effluents will be practiced as done in Duarguiburu lease.
10.	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Personal Protective Equipment (PPE) i.e. dust masks are being provided to all the workers engaged in the dust prone areas i.e. excavation & loading areas, ore handling plants, stacking & loading areas etc. Suitable training on safety and health aspects is being given on regular basis. Occupational health surveillance program are being conducted regularly.
11.	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Dispensary facilities for First Aid shall be provided at site.	Personal Protective Equipment (PPE) i.e. dust masks are being provided to all the workers engaged in the dust prone areas i.e. excavation & loading areas, ore handling plants, stacking & loading areas etc. Suitable training on safety and health aspects is being given on regular basis. Occupational health surveillance program are being conducted periodically to observe any contractions due to exposure to dust so that corrective measures will be taken, if needed
12.	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization	Environmental Management Cell including laboratory has already been established at the mines. The qualified personnel have taken up the job of strengthening the Environmental Management Cell.
13.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose.	Agreed to.


 (Sankar Prasad Das)
 General Manager (Mines) & E&L
 SAIL- , Gua Ore Mines



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	Year wise expenditure should be reported to the Jharkhand state Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines. (% of profit/turnover).	
14.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Bhubaneswar	Funds earmarked for environmental protection measures at the mine are booked separately and not being diverted for other purpose.
15.	The Jharkhand state Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) by furnishing the requisite data / information/ monitoring reports.	Agreed. Full cooperation will be provided to the JSPCB officer(s) by furnishing the requisite data / information/ monitoring reports.
16.	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by email) to the Jharkhand state Pollution Control Board, Ranchi and to its concerned Regional Office.	Agreed. Six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by email) will be submitted to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
17.	The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Jharkhand state Pollution Control Board, Ranchi and to its concerned Regional Office. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.	Six monthly compliance reports on the status of implementation of environmental safeguards will be submitted timely to MoEF&CC, New Delhi, Regional Office – MoEF&CC, Ranchi, Central Pollution Control Board and State Pollution Control Board. Copy of the compliance report including environmental quality data will be uploaded to the SAIL web site i.e. www.sail.co.in .



SL.	CONDITION	COMPLIANCES
18.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent. JSPCB should display a copy of the clearance letter at the Regional Office, District Industry Centre and DC's, Circle Officer's Office for 30 days. 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 Jharkhand State Pollution Control Board.	Copies of the Environmental Clearance have been sent to local Member of Panchayat & Zila Parisad. The clearance letter has been put on the Company website i.e. www.sail.co.in . Advertisement was published in two (2) daily newspapers (Dainik Jagran Daily, Jamshedpur Edition on 30.07.2015 and The Telegraph Daily, Ranchi & Jamshedpur Edition on 01.09.2015). Also intimated to Local Zilla Parishad Members, Gram Panchayat Members, Mainky & Mundas etc. In addition to that, EC Amendment Order No. J-11015/272/2011-1A.II (M) dated 19.05.2020 of MoEFCC, New Delhi has been published for advertisement on Times of India Newspaper, Jharkhand edition and Prabhat Khabar (Hindi) in Jamshedpur and Ranchi edition on 13.06.2020. The clearance letter has been put on the Company website i.e. www.sail.co.in
19.	The environmental statement for each financial year ending 31st March in Form V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e- mail.	Agreed. Once, the mining operation starts, the environmental statement for each financial year ending 31st March in Form V will be submitted to the Jharkhand State Pollution Control Board. The same will be put on the website of the company along the status of compliance of EC conditions and we will also send the copy to concerned Regional Office of JSPCB by e- mail.
20.	All statutory clearance shall be obtained before start of mining operations.	Agreed. All statutory clearance will be obtained before start of mining operations.
<u>C. Other Points</u>		
1.	The Authority reserve the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority of for that matter for	Agreed.



SL.	CONDITION	COMPLIANCES
	any other Administrative reason.	
2.	Failure to comply any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
3.	The Environmental Clearance accorded shall be valid for the period of renewal of lease (generally 20 years) for life of mine or for 30 years whichever is less. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.	Agreed. Production rate will be maintained as per the approved Environmental Clearance / EC amendment order.
4.	In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.	Agreed.
5.	The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court	Agreed.



SL.	CONDITION	COMPLIANCES
	of Jharkhand and any other Court of Law relating to the subject matter.	
6.	Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Agreed.

Note: - The Amendment made in Environmental Clearance (EC) of Topailore Iron Ore Mining Project of Gua Ore Mines vide Order No. J-11015/272/2011-IA.II (M) dated 19.05.2020 will be strictly followed by Gua Ore Mines.

(S P Das)

General Manager (Mines) and E&L
GUA ORE MINES

BOKARO STEEL PLANT
STEEL AUTHORITY OF INDIA LIMITED (SAIL)

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