



स्टील अथॉरिटी ऑफ़ इंडिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
कोलियरीज डिवीज़न, चासनाला
COLLIERIES DIVISION, CHASNALLA

Ref: CGM/Tasra/EC(Comp-Washery)/21/72

Date: 16.11.2021

To,
✓ The Additional Director(s),
EI Division, MOEF & CC
Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Delhi - 110003

Sub : Six Monthly Status of Compliance to the Condition stipulated in the EC granted by MoEF & CC of Tasra Pit Head Coking Coal Washery of 3.5 MTPA (EC granted vide Reference No. J-11015/365/2009-IA.II(M) pt. dated 30th March, 2017) for the period ending 30th Sep'21

Dear Sir,

Please find enclosed herewith the updated Six Monthly Compliance report for the period ending 30th September with respect to the Condition stipulated in the Environment Clearance granted by MOEF&CC, New Delhi vide letter no. J-1105/365/2009-IA-II(M) pt dated 30 March 2017 for Tasra Pit Head Coking Coal Washery of 3.5MTPA of M/s SAIL for kind perusal.

Hard copy of the report is enclosed.

Thanking you.

Yours faithfully

[Signature]
16/11/2021

J-Chief General Manager
Tasra OCP-SAIL

Encl: As above

1. The Additional Director(s)
MOEF&CC, Regional office
Bungalow no.A-2, Shyamli Colony
Doranda, Ranchi-834002
2. The member Secretary
Central Pollution Control Board,
Parivesh Bhawan, CBD-Cum Office complex,
East Arjun Nagar, Delhi – 110032
3. The Member Secretary
JSPCB, HEC, Dhurwa
4. The Regional Officer
Regional Office,
JSPCB, Dhanbad

Status of Compliance to the Condition stipulated in the Environmental Clearance granted by MoEF for Pit Head Coking Coal Washery (3.5 MTPA) for the period of April'21 to Sep'21

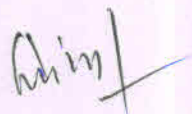
(EC granted vide Reference No. J-11015/365/2009-IA.II(M) pt. dated 30th March, 2017

A. Specific Conditions:-

Cond. No.	Conditions Imposed	Status on Sept 2021
1	The Technology for washery shall be as per the project report submitted and presented to the Expert Appraisal Committee	We will follow the desired technology for washery will be as per the project report submitted to EAC, & MOEF & CC.
2	The Technology so chosen for the washery should confirm to 'Zero Liquid Discharge'.	The technology for washery confirms the concept of 'Zero Liquid Discharge' and same shall be adopted.
3	Long Distance Belt Conveyor (LDBC) system for transportation of raw coal from Tasra Coal Pit to the proposed washery covering a length of 2 Km with water sprinkling arrangement at all transfer points, shall be installed	Transportation of Raw Coal from proposed Coal Handling Plant (CHP) will be done through Long Distance Belt Conveyor (LDBC) system, covering a length of 2 Km with water sprinkling arrangements installed at all transfer points. The raw coal from the Tasra Pit will be moved through Haul Road upto CHP as per EIA of Tasra Coal Mine, and then from there it will be moved to proposed washery through LDBC as per EIA of Pit Head Coking Coal Washery. The same has been communicated to MoEF and Climate Change for modification as per our letter no. GM/TASRA/41 dated 20.05.2017.
4	Thick green belt of 35-45 m width to be provided around the washery to mitigate/check the dust pollution. A 3-tire avenue plantation should also be developed along vacant areas, storage yards, loading/transfer points, and also along internal roads/main approach roads.	As specified, we will develop 3- tire plantation as per CBCB guideline along the vacant areas, storage yards, loading/transfer points and also along internal/main approach roads.
5	Transport of washed coals and middlings shall be ensured by rail with wagon loading through silo.	As specified, the two product of the proposed washery i.e. Washed Coal (Clean coal) and the Secondary Product will be transported by rail with wagon loading through Silo.

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Cond. No.	Conditions Imposed	Status on Sept 2021
6	Disposal of washery rejects shall be in accordance with the extant policy and guidelines, and environment friendly.	According to the technology of the proposed washery only two products will be generated i.e. Clean Coal and Secondary Product. No rejects will be generated during the operation.
7	Waste Water shall be effectively treated and recycled completely, either for washery or maintenance of green belt around the plant.	The generated waste water will be effectively treated and recycled completely for reuse in washery operation through establishment of ETP and treated water will be used for maintenance of green belt around the plant.
8	The assurances given during the Public Hearing and as per the Action Plan formulated by the project proponent should be implemented.	The assurances given during the Public Hearing shall be implemented in Phased manner and as per the Action Plan formulated.
9	Hoppers of the coal crushing unit and washery shall be fitted with high efficiency bag filters or mist spray water sprinkling system and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	Hoppers of the coal crushing unit and washery will be fitted with high efficiency bag filters or mist spray water sprinkling system and will operate effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.
10	All approach roads shall be black topped and internal roads shall be concreted. The roads shall be regularly cleaned with mechanical sweepers.	All approach roads will be black topped and internal roads will be concreted. The roads will be regularly cleaned with mechanical sweepers.
11	Records of quantum and ash content of raw coal being washed, and clean coal and coal rejects produced from every batch of washing shall be maintained and details thereof be made available to Ministry whenever directed.	All the records will be maintained properly and will be made available to Ministry whenever directed.
12	No groundwater shall be used for the Plant Operations. Any additional water requirement envisaged shall be obtained by recycle/reuse of treated effluent and from rainwater harvesting measures.	No ground water will be used for the Plant Operation. The treated mine water from Tasra OCP will be used as the major water source for plant operation. Any additional water requirement will be obtained by recycle/reuse of treated effluent and



		from rainwater harvesting measures. Surplus (if any) Mining water from Chasnalla Colliery will also be diverted for use in proposed Washery.
13	Socio-economic and welfare measures for the local communities for the adjoining villages shall be implemented under CSR. Activities under CSR activities to be undertaken for the adjoining villages shall be identified in consultation with the local authorities, the details of status of implementation of CSR and expenditure there on which should be annually updated on the company website.	Noted.
14	Heavy metal content in raw coal, and washed coal shall be analyzed once in a year and records maintained thereof.	We will abide by the said condition.

B. General Conditions:-

Cond. No.	Conditions Imposed	Status on Sept 2021
1	No change in technology and scope of working shall be made without prior approval of the Ministry of Environment, Forests and Climate Change.	We will abide by the said condition and there will be no change in the technology and scope of working. If any the same will be intimated to your good office.
2	Data on ambient air quality (PM10, PM 25, SO2 and NOX) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to Regional Office of the Ministry and to the State Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognized under the EPA rules, 1986 shall be furnished as part of compliance report once in a year.	It may be mentioned that M/s Lanco Infratech Limited was appointed by SAIL as Mine Developer & Operator for development of Tasra Coal Block and commissioning of washery, operation and many other activities including environmental monitoring was under the scope of MDO. Mining Operation was carried for a very short duration i.e. from 05.12.2017 to 31.03.2018. There after Mining operation was suspended at Tasra OCP owing to Termination of Contract agreement with Mine Developer & Operator (MDO) on account of Liquidation of Mine Developer & operator of Tasra OCP. Presently mine is not in operation. As such monitoring of Environmental

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		Parameters in around proposed site of Tasra washery is not being carried out presently.
3	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in noisy areas like crushers, pumps, conveyors, bath, cyclones etc shall be provided with ear plugs/muffs.	Noise level will be maintained below 85dBA and workers engaged in noisy areas like crushers, pumps, conveyors, bath, cyclones etc. will be provided with ear plugs/muffs.
4	Industrial waste water shall be properly collected and treated in sedimentation ponds and treated water shall be recycled in washing circuit and other usages. No effluent shall be discharge to surface water bodies	The waste water will be effectively treated and recycled completely for reuse in washery operation and maintenance of green belt around the plant. No effluent will be discharge to surface water bodies.
5	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Vehicular emissions will be kept under control and regularly monitored. Vehicles used for transporting the mineral will be covered with tarpaulins and optimally loaded.
6	Monitoring of effluent quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EPA Rules, 1986.	Presently, Tasra washery has not been commissioned till date. However after Commissioning of washery and starting of operation, monitoring of effluent quality parameters will be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data shall be analysed through a laboratory recognized under EPA Rules, 1986.
7	Personnel (Departmental, Outsourced and casual if any) working in industry areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	Personnel working in dusty areas will be provided with protective respiratory devices and adequate training and information on safety and health aspects.
8	Occupational Health Surveillance Programme of all workers (Departmental, Outsourced and casual if any) shall be undertaken periodically to observe any ill effect due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues	After commissioning of Tasra washery Occupational health surveillance program shall be carried out as per norms.

	of the outsourced manpower should be addressed by the company while outsourcing.	
9	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.	Separate Environmental Management Department has been set up and headed by DGM (Environment), who reports directly to the Head of the Mine. In addition to this, SAIL is having a separate Corporate Environment Management Division (EMD) at Kolkata under the control of Executive Director, who facilitates in environmental management of all SAIL units.
10	The funds earmarked for environmental protection measures shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	We will abide by the said condition.
11	The project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days 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 may also be seen at the website of the Ministry of Environment, Forests & Climate Change at http://envfor.nic.in .	Complied.
12	A copy of the environmental clearance letter shall be marked to concern Panchayat/ Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/ representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	Complied
13	An Electronic copy of the environmental clearance letter shall be forwarded to State Pollution Control Board, Regional Office of the Ministry, District Industry Sector and Collector's Office/Tehsildar's Office for its display in public domain for 30 days.	Complied.
14	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their	Noted.

	website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM10, PM25, SO2 and NO (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises.	
15	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry and the SPCB.	Noted
16	The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	We will extend all our cooperation during such inspections by the Authority.
17	The environmental statement for each financial year ending 31 March in Form —V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF & CC by e-mail.	Noted

Note: Tasra Washery has not been commissioned till date. However SAIL is in the process of floating global tender for Selection of New MDO for development of Tasra Open Cast Project & commissioning of Tasra washery.

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