

PART- F MINUTES OF THE 38th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 18th to 24th DECEMBER, 2015

Date- 23rd December, 2015

The 38th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 18th to 24th December, 2015. The meeting on 23rd December was held under the Chairmanship of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

1. Sh. A.K. Saxena - Chairman
2. Sh. S.B.S Chauhan - Member
3. Er. S.K. Singh - Member
4. Dr. R.P. Singh Sangu - Member
5. Prof. (Dr.) M.C. Mahata - Member
6. Dr. Shatrunjay Kumar Singh - Member
7. Shri S.K. Suman - Secretary (not present)

Various projects which were received by SEIAA after the previous SEAC meeting held from 01st to 05th December, 2015 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

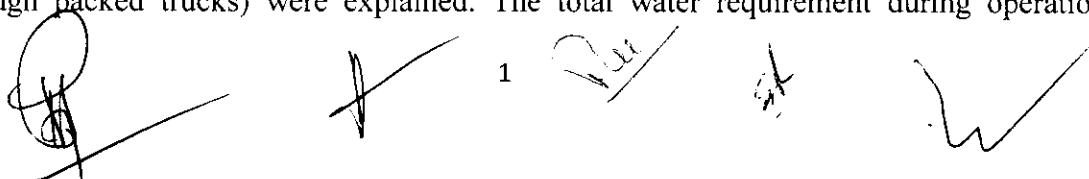
The following salient observations made during the Presentation (Project Wise) in brief deserve serious consideration.

A. Projects recommended to SEIAA for consideration of grant of EC.

1. LPG Bottling Plant of M/s Hindustan Petroleum Corporation Limited at Hazaribagh Industrial Area, Village- Chano, P.O.- Oriya, Dist.- Hazaribagh, Jharkhand.

Consultant- M/s SV Enviro Labs & Consultants, Vishakhapatnam, Andhra Pradesh

The proposed project is replacement of existing LPG storage of 1x90 MT by installing 3 x 150 MT Mounded Storage Vessel. LPG shall be brought in Bulk LPG Tanker. The plant is proposed at Hazaribagh Industrial Area, Village- Chano, P.O.- Oriya, Dist.- Hazaribagh, Jharkhand which is located at a distance of 4.90 Km from Hazaribagh Railway Station. Gtshotand Air strip is at a distance of 28.15Kms. It was informed that the additional units are to be installed in the existing area of 5.58 acres. Details of the project, its location along with details of operation (unloading of LPG coming through road tankers into bullets / mounted storage, filling of LPG into cylinders and distribution of the same through packed trucks) were explained. The total water requirement during operation

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phase 5-8 KLD existing and additional requirement for expansion is Nil, which shall be obtained from existing ground water sources.

The project authorities along with their consultant M/s SV Enviro Labs & Consultants, Vishakhapatnam, Andhra Pradesh gave a detailed presentation on the EIA / EMP Report.

Based on the presentation made and information provided the Committee decided that the proposal for LPG Bottling Plant of M/s Hindustan Petroleum Corporation Limited at Hazaribagh Industrial Area, Village- Chano, P.O.- Oriya, Dist.- Hazaribagh, Jharkhand be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given below.

A. SPECIFIC CONDITIONS :

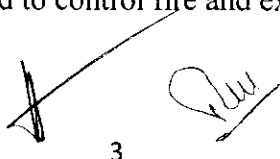
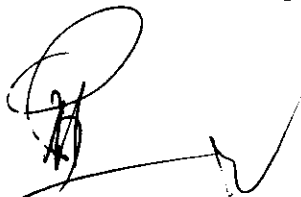
- i. The plant shall have automatic fire fighting system and hydrant system with hydrant and monitors located as per OISD guidelines. Proper safety measures as prescribed by OISD 144 and OISD 150 shall be undertaken. The relevant codes and standards for LPG installations should be followed strictly.
- ii. The LPG Vessels should be provided with Multiport SRVs, Servo Gauge and Radar Gauge, High level Alarm and ROVs on all LPG outlets, cathodic protection (CP) system, anti corrosive coating, earthing system and gas monitoring system, as proposed.
- iii. Fire protection system, Gas monitoring system and Sprinkler system should be designed according to OISD 144/150 standards. Hydrant main ring shall be provided in the surrounding of proposed mounded storage vessels with fire points and monitors at strategic locations as per OISD 144.
- iv. The proponent should abide by the recommendations of the Chief Controller of Explosives, PESO, Nagpur and all other statutory conditions imposed by various authorities.
- v. The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous chemicals Rules, 1989 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.
- vi. No process effluent will be generated. The domestic waste water will be treated through septic tank followed by a soak pit. Water used for fire fighting drills will be used for gardening etc.
- vii. Groundwater shall not be abstracted without prior permission of the local body as well as the competent authority.



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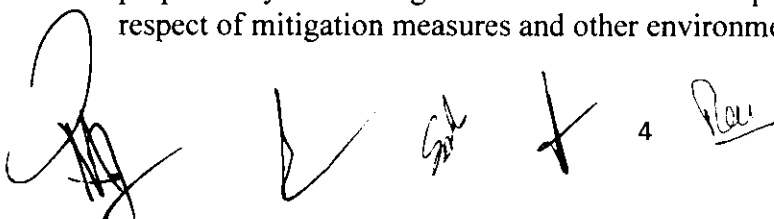
- viii. No solid waste will be generated by the storage of LPG storage. The demolition debris and other wastes shall be disposed off as per rules. The project authorities must strictly comply with the rules and regulation of the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2009, wherever applicable. Authorization form the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.
- ix. There will be no process emissions from handling and storage of LPG. The DG sets, if any, will have stacks of height as per the CPCB guidelines. The emissions of (RSPM, SPM, SO₂, NO_x, HC & VOC) from DG Set stack, if any, and from flare stack shall conform to the standards.
- x. Regular ambient air quality monitoring shall be carried out for VOC and HC, besides other parameters in ambient air around the plant. It will be ensured that at least one monitoring station is set up in up wind and in down wind direction along with those in other directions.
- xi. Regularly monitoring of VOC and HC in the work zone area in the plant shall be carried and data be submitted to SPCB. Quarterly monitoring of fugitive emissions will be carried out as per the guidelines of CPCB.
- xii. The unit should develop rainwater harvesting structures and the harvested water should be utilised for gardening and other purposes. Groundwater recharge is not permitted.
- xiii. Green belt shall be provided to mitigate the effects of fugitive emissions all around the plant. At least 33% of the plant area should be kept for green belt development. Selection of appropriate species for the plantation programme may be done in consultation with DFO, Hazaribagh
- xiv. Ambient noise level should not exceed the permissible limit. The overall noise levels in and around the plant area shall be kept well within the standards. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989.
- xv. All internal roads should be pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper house keeping shall be maintained within the premises.
- xvi. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- xvii. Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.



- xviii. The Corporate Social Responsibility Plan with specific financial commitment should be implemented for the proposed project. At least 5% of the project cost should be utilised for Corporate Social Responsibility programmes.
- xix. The implementation and monitoring of Environmental Management Plan, Risk Assessment report, HAZOP Study and Onsite & Offsite Disaster Management Plan should be carried out, as proposed. A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.

B. GENERAL CONDITIONS :

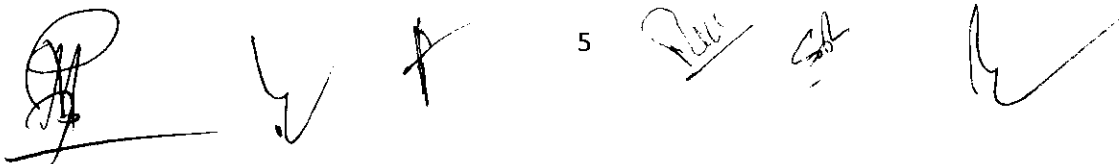
- i. The environmental clearance accorded shall be valid for a period of 5 years for the proposed project.
- ii. Prior Consent-to-Establish (NOC) for the proposed revamping project must be obtained from JSPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.
- iii. The project proponent shall comply with all the environmental protection measures and safeguards recommended. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- iv. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.
- v. Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.
- vi. The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
- vii. No further expansion or modifications in the plant should be carried out without prior approval of the State Level Environment Impact Assessment Authority. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA.
- viii. The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguard under the supervision of a Senior Executive.
- ix. The project proponent should extend full support to the officers of SEIAA, Jharkhand / Regional / Head Office of JSPCB during inspection of the project for monitoring purposes by furnishing full details and action plan including action take reports in respect of mitigation measures and other environmental protection activities.

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- x. SEIAA, Jharkhand reserves the right to add additional safeguard measure subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- xi. In the event of a change in project profile or change in the implementation agency, a fresh clearance shall be obtained from SEIAA, Jharkhand.
- xii. A copy of the environmental clearance letter shall also be displayed on the website of the Jharkhand State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- xiii. Appropriate mitigative measures shall be undertaken by HPCL to prevent pollution of water in consultation with the Jharkhand State Pollution Control Board. It shall be ensured that there will be no littering of solid waste from vehicles and the leachate/ surface run-off to be generated shall be collected with the help of lined ditches & treated properly.
- xiv. Officials from the Regional Office of Ministry of Environment & Forests, State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Jharkhand Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection.
- xv. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority.
- xvi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by Municipal Corporation from the competent authorities including Jharkhand Pollution Control Board and from other statutory bodies as applicable.
- xvii. HPCL should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Jharkhand Pollution Control Board.
- xviii. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Ranchi.
- xix. These stipulations would be enforced among others under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environmental (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- xx. The proponent shall upload the status of 6 monthly compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, JSPCB, SEIAA Jharkhand. The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx, CO, Pb, Methane shall be monitored and displayed at a convenient locations.
- xxi. 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.

2. Modernisation cum Expansion of TMT product of M/s Super Smelters Limited, Vill – Telaiya Basti, Tehsil-Koderma, District – Koderma, Jharkhand-825004.

Consultants M/s Global Tech Enviro Experts Pvt Ltd, Bhubaneswar



The Proposal is for obtaining Environmental Clearance for expansion of Induction Furnace & Rolling Mill in the existing plant premises at Addi Bunglow Road, Jhumri Telaiya, District-Koderma .Total project area is 7.43 acres and green belt will be developed in 2.47 acres i.e. 33% (inclusive of existing) of the total plant area. Expansion will be taken up at the existing location. Total cost of the expansion project is Rs. 20.96 Crores. The sponge iron, pig iron, scrap and Ferro Alloys will be fed to Induction furnace to make ingots / billets which will be rolled to produce TMT bars. Coal which was being used in gasifier to producer gas will be discontinued during expansion. Fume extraction system will be provided to Induction Furnaces. Total water required for the proposed expansion project is 67 m3 /d. The water requirement for the proposed expansion project will be drawn from Bore Wells. Slag generated from SMS will be crushed and after iron recovery the inert material will be used in road construction. Mill scale from Rolling mill will be reused in SMS. Power requirement for the proposed plant will be met from DVC.

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The existing as well as proposed units along with their capacities and products are as follows:

UNITS	CAPACITY	PRODUCT
EXISTING PLANT SCENARIO		
Induction Furnace, 4X 4 t	63,000 TPA	Billets
Rolling Mill	96,000 TPA	TMT
Producer Gas Plant	6,000 Nm3/hr	Producer Gas
PROPOSED PLANT		
Phase I		
Induction Furnace, 2X 12 t	110,000 TPA	Billets
Rolling Mill	100,000 TPA	TMT
Phase II		
Induction Furnace, 2X 12 t	110,000 TPA	Billets
Rolling Mill	100,000 TPA	TMT

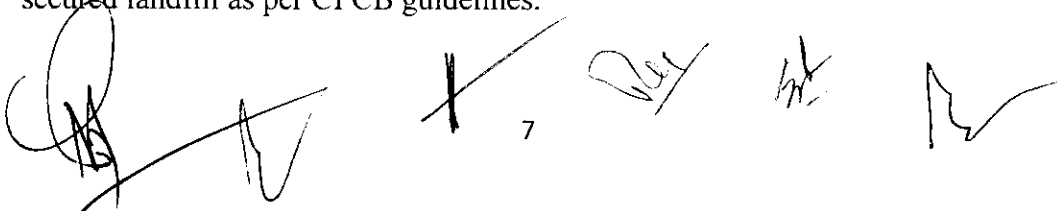
The project authorities along with their consultant M/s Global Tech Enviro Experts Pvt Ltd, Bhubaneswar gave a detailed presentation on the EIA / EMP Report.

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Based on the presentation made and information provided the Committee decided that the proposal for Modernisation cum Expansion of TMT product of M/s. Super Smelters Limited, Vill – Telaiya Basti, Tehsil-Koderma, District – Koderma, Jharkhand be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given below.

Specific Condition

1. Raw material / Input material shall be sourced from authorized mine owners / producers with valid environment clearance.
2. Efforts should be made to reduce RSPM levels in the ambient air and a time bound action plan should be submitted. Continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices installed.
3. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed.
4. All environmental parameters in the work zone shall comply with the criteria specified in Factories Act.
5. Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 should be followed.
6. Vehicular pollution due to transportation of raw material and finished product should be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.
7. Efforts should be made to make use of rain water harvested. If needed, reservoir should be created to meet the water requirement. Only balance water requirement should be met from other sources / ground water. Prior permission for extraction of Ground water is to be obtained before start of expansion project.
8. Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Regional Office of JSPCB / SEIAA, Jharkhand.
9. 'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.
10. Slag should be used for land filling inside the plant or used as building material only after passing through Toxic Chemical Leachability Potential (TCLP) test. Toxic slag should be disposed in secured landfill as per CPCB guidelines. Otherwise, hazardous substances should be recovered from the slag and output waste and be disposed in secured landfill as per CPCB guidelines.

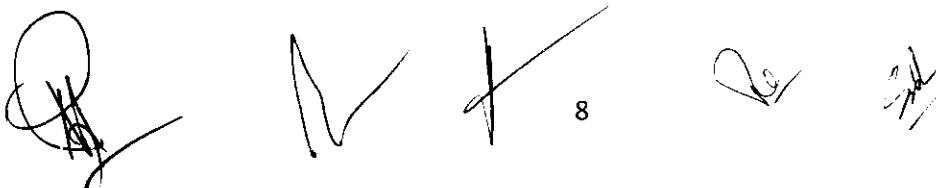


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11. Proper handling, storage, utilization and disposal of all the solid waste should be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste should be submitted to the Regional Office of JSPCB / SEIAA, Jharkhand.
12. A time bound action plan should be submitted to reduce solid waste, its proper utilization and disposal.
13. A Risk and Disaster Management Plan alongwith the mitigation measures should be prepared and a copy submitted to the Regional Office of JSPCB / SEIAA, Jharkhand within 3 months of issue of environment clearance letter.
14. The current area of green belt i.e. 24.6 % should be enhanced to 33 % area.
15. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.
16. Prior permission from the State Forest Department should be taken regarding likely impact of the expansion of the proposed plant on the reserve forests. Measures should be taken to prevent impact of particulate emissions / fugitive emissions, if any from the proposed plant on the surrounding forests. Further, Conservation Plan required for the conservation of wild fauna in consultation with the State Forest Department should be prepared and implemented.
17. At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details alongwith time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program should be ensured accordingly in a time bound manner.

Other Conditions

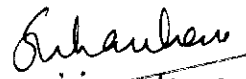
1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for a period of five (5) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.
3. 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.
4. 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 of Jharkhand and any other Court of Law relating to the subject matter.




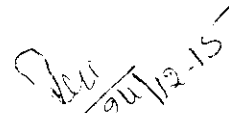
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Project s for which Proponents did not turn up

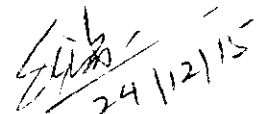
1. Chainpur Panchayat Sand Mine of Shri Sitaram Prasad at Vill- Semarbudhini, Ahirpurwa & Baheratoli at P.S.- Mahuadand, Dist- Latehar, Jharkhand. (Area- 7.36 Ha)
2. Metal Stone Mine with Crusher of M/s Shri Prasanth Industries Sikaripada. Dist- Dumka, Jharkhand. (Area- 6.00 Acre)
3. Stone Mine of Shri Susanta Mandal at Village- Kukulidangal, Tehsil- Sikaripada, Dist- Dumka, Jharkhand. (Area- 1.1979 ha)
4. M/s Amit Coke Industries at Village- Gahira, P.O.- Jangalpur, Dist- Dhanbad, Jharkhand. (Area- 6.13 Acre)


24.12.15
(S.B.S Chauhan)
Member


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24/12/2015
(Er S K Singh)
Member~~


24/12-15
(Dr. R.P. Singh Sangu)
Member


(Prof. (Dr.) M.C. Mahata)
Member


24/12/15
(Prof (Dr) Shatrunjay Kumar Singh)
Member

(S.K. Suman)
Secretary


(A K Saxena)
Chairman