

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
Ministry of Environment, Forest & Climate Change
Government of India

Department of Ecology, Environment & Remote Sensing
Paryavaran Bhawan, Transport Nagar, Narwal, Jammu-180006

MINUTES OF THE 5TH MEETING OF STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HELD IN THE OFFICE CHAMBER OF DIRECTOR ECOLOGY, ENVIRONMENT & REMOTE SENSING, JAMMU ON 2ND APRIL, 2018.

Today on 2nd April, 2018, in pursuance of Minutes of the meeting of S.E.A.C. held on 17-02-2018 at Jammu, the meeting of State Impact Assessment Authority (S.E.I.A.A.) was held in the office chambers of the Member-Secretary S.E.I.A.A. to discuss the various issues that invited the attention of the S.E.I.A.A. The following were present in the meeting:-

1. Mr. S.D. Swatantra, IFS,
Chairman, S.E.I.A.A.
2. Mr. M.A. Nowshahri,
Hon'ble Member, S.E.I.A.A.
3. Mr.O.P. Sharma, IFS,
Member-Secretary, S.E.I.A.A.

At the very outset, the Member-Secretary, State Environment Impact Assessment Authority welcomed the Hon'ble Chairman & Member- S.E.I.A.A.

The following cases were discussed in the meeting:-

- 1. Grant of Environmental clearance in favour of M/S R.K. Grinding, Industrial Extension Area, Hatli Morh, Kathua for Cement project 80 TPD Clinker & 100 TPD.**

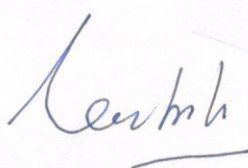
The above cited case for grant of Environmental clearance to M/S R.K. Grinding was discussed threadbare and the public hearing reports were also perused by the Authority. On the recommendations of State Expert Appraisal Committee for seeking technical opinion regarding feasibility of the project, the case was sent to State Pollution Control Board. Thereafter, the detailed technical report was received by the State Pollution Control Board vide No.SPCB/T.C/KTH/Cement/228/769 dated 22-12-2017 and was accordingly forwarded to State Expert Appraisal Committee for discussion. On the recommendations of the S.E.A.C. forwarded to the Authority vide endorsement No.SEAC/2018/864-73 dated 05-03-2018 the Authority pointed out that as per the report, State Pollution Control Board has technically evaluated the concerns of the local population. The Authority observed that regulatory/monitoring Agencies should ensure that environmental quality does not deteriorate beyond permissible limits under the influence of red category industry especially for the location being an industrial

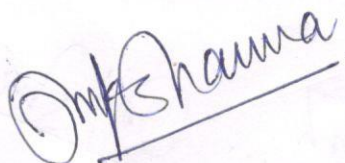
Chairman *O.P. Sharma* *Member-Secretary*

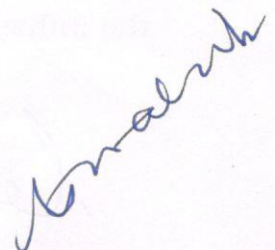
area so that local inhabitant's health concerns are given the top priority. It was desired that the SPCB need to closely monitor implementation of the anti-pollution measures by the industry so that industrial growth is achieved without damaging environmental quality of the area. Accordingly, keeping in view the technical opinion received from SPCB highlighting the feasibility of the project being within the permissible parameters of environmental quality and absolute recommendations of the State Expert Appraisal Committee, the Authority came to the conclusion for issuance of grant of Environmental clearance to the project proponent with following conditions:-

A. SPECIFIC CONDITION:

- i. The apprehensions of public raised during the Public Hearing shall be satisfactorily addressed in consultation with the District Level Officer and local administration and a separate recurring budget to the tune of Rs 17.50 lacs shall be put in place for implementing the Environment Management Plan including maintenance of the Pollution Control devices. The information shall be regularly submitted to the Ministry's Regional Office.
- ii. The implementation of the Environmental Management Plan shall be made in accordance with the guidelines prescribed by the CPCB for control of fugitive emissions from cement plant and standards prescribed under the Environment Protection Act, 1986.
- iii. The Project Proponent shall install a State-of-the-art technology of Air Pollution Control Devices to achieve the standards of SPM/SO₂/NO₂ and adequate stack of minimum 30 meters or as per formula $H=14(Q)^{0.3}$ whichever is more.
- iv. The periphery of the project shall be developed for green belt plantation in three tiers around the unit.
- v. The Project proponent shall install an online monitoring system to monitor the SPM/SOX/NOX/Noise level for compliance of environmental standards as notified under EP Act, 1986 and amended thereof.
- vi. The project proponent should install 24x7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional Office. Emission for particulate matter should be restricted to 30 mg/m³.
- vii. The expansion project shall comply with the new MOFF&CC Standards notified vide GSR 612 (E.) dated 25.08.2014 with respect to Cement sector.
- viii. All the pollution control devices/equipment in the grinding unit shall be interlocked so that in the event of the pollution control devices/systems not working, the respective unit(s) shut down automatically.
- ix. Secondary fugitive emissions shall be controlled and shall ^{be} within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed.
- x. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials should be transported in the closed containers only and shall not be overloaded. The company shall







have separate truck parking area. Vehicular emissions should be regularly monitored. The vehicles should conform to Motor Vehicles Act, 1988.

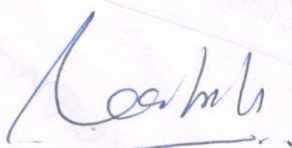
- xi. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression- and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge should be adopted.
- xii. The industrial unit will have adequate storm water drains for the complex to prevent flooding of the complex as well as surrounding areas.
- xiii. Storage of material should be in covered area. All materials (raw material, fuel, lubricants, solid wastes, etc.) will be stored in covered area with lined floor. Any spillage/leakage of liquids will be immediately attended. The storage areas will be protected from exposure to storm water run-off.
- xiv. Rain water harvesting plan shall be prepared and shall supplement the water requirements of the project.
- xv. 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 Environment (Protection) Act, 1986 whichever are more stringent. A comprehensive report regarding monitoring of the project should be submitted by the State Pollution Control Board quarterly.
- xvi. Green belt shall be developed in at least 33 % area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.
- xvii. At least 5% of the total annual profit made on the project shall be annually earmarked towards the Enterprise Social Commitment and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Chandigarh for monitoring. The proponent shall prepare a detailed ESC Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation. etc) activities in consultation with the local communities and administration. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to Regional Office, Chandigarh. The details of the ESC Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company. The funds so provided shall not be diverted for any other purpose.
- xviii. 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, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xix. All Labour shall be provided with personal protective equipment and will be compulsorily made to wear it. Working hours and working conditions shall be as per International Labour standards.
- xx. Adequate preventive measures to be implemented. An elaborate health and safety plan is already in place. Personal protective equipment will be suitably provided. Workers to be properly trained in on-site emergency response management.

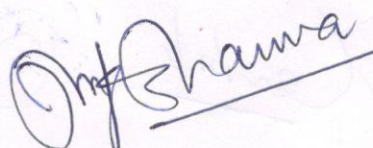
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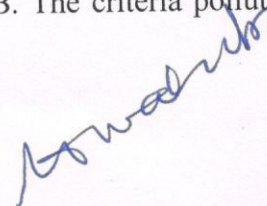
- xxi. The raw material should be strictly procured from approved sources conforming to the applicable environmental provisions and laws and with valid consent to operate/permissions and environmental clearance.
- xxii. All equipment and machinery will conform to the relevant BIS norms, other statutory provisions(in terms of performance, emissions, noise etc.).
- xxiii. To minimize the additional stress to meet the project's water requirement, appropriate storm water management will be implemented. Compliance with the requirements of Central Ground Water Authority is to be ensured.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Jammu & Kashmir Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM 2.5., SO₂ and NO₂ are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chandigarh and the SPCB/CPCE3 once in six months.
- iv. Industrial wastewater shall 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. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).
- vi. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- vii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- viii. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad, 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 web site of the company by the proponent.
- ix. The project proponent shall upload the status of compliance of the stipulated environment clearance 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 the MOEF&CC at Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant







levels namely; PM₁₀ SO₂, NO₂ (ambient levels as well as stack emissions) or critical sectorial parameters indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

- x. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh / CPCB / SPCB shall monitor the stipulated conditions.
- xi. 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 concerned 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 with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Chandigarh by e-mail.
- xii. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEFCC) at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chandigarh.
- xiii. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
- xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

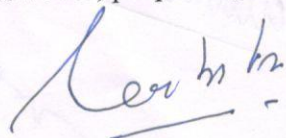
2. Grant of Environmental clearance for installation of LPG Mounded Storage at Post LPG Storage Terminal at HPCL Bottling Plant Lane No.3, SIDCO Complex, Bari-Brahamana, Jammu by M/S Hindustan Petroleum Corporation Ltd.,

The above case discussed in detail and in pursuance to letter No.FHS/LPG/JMU dated 07-062017 from the project proponent requesting for consideration of the case under B2 category, thereby waiving off the requirement of public hearing and other formalities, the case was considered under B2 category in the SEAC meeting held on 13-06-2017 in the context of being a project of national importance and similar projects having been considered under B2 category in other States. Further, certification regarding the risk analysis report generated by the Consultant has also been received. Keeping in view the clear cut recommendations of the S.E.A.C, the Authority came to the conclusion for grant of Environmental clearance to the project proponent with following conditions:-

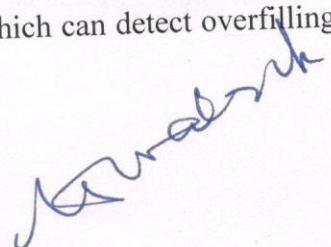
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GENERAL CONDITIONS:

- i. Consent to Establish/Operate for the project shall be obtained from the J&K State Pollution Control Board as required under the relevant Acts/Rules.
- ii. As proposed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- iii. During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the relevant Acts/Rules.
- iv. The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the State Forest Department.
- v. At least 5% of the total project cost shall be allocated for Enterprise Social Commitment and the details along with time bound action plan shall be submitted to the Ministry's Regional Office. An action plan shall address upgradation of sanitation, drinking water and educational and health facilities of the surrounding villages excluding employment provided to the local communities.
- vi. The proponent shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
- vii. The project proponent shall conduct a traffic density survey on the approach road to be used for transportation of LPG tankers and LPG cylinders.
- viii. Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once a month.
- ix. Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.
- x. The norms/guidelines of Oil Industry Safety Directorate (OISD) for installation and design of equipment's and operation of the LPG Bottling Plants shall be strictly followed. Safety audit as per standard practices to be carried out and report submitted to the Regional Office regularly.
- xi. No packing/loading/unloading of LPG cylinders shall be made on road/outside factory premises. Vehicles loaded/unloaded with LPG cylinders shall be parked inside the plant premises only and not on road sides.
- xii. Road tankers should be equipped to the standard specified in national regulations reputable code. Vehicles should be mobilized during transfer operations and equipped to prevent untimely movement. Loading/unloading bays should be protected against impact. Fire-resistant coatings shall be provided to tanks/vessels.
- xiii. Sections of pipeline and storage systems that can be isolated with valves or blinds should be equipped with safety valves to protect against possible damage as liquid LPG expands with increases in temperature.
- xiv. High and low-level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.







- xv. For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- xvi. Water sprinkling has to be undertaken on regular basis to control the polluting particles.
- xvii. The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.
- xviii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry. In case of deviations or alterations in the project proposal from that submitted to this Ministry, a fresh reference shall be made to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xix. The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- xx. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16Th November, 2009 shall be complied with.
- xxi. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- xxii. The Project proponent shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- xxiii. Training shall be imparted to all employees on safety and health aspects Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.
- xxiv. The proponent shall comply with all the environmental protection measures, safeguards, risk and disaster management standards proposed in the documents submitted to the Ministry.
- xxv. A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xxvi. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation, Urban local Body, District Disaster Management, District administration and the local NGO, if any.
- xxvii. The project proponent shall also 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 e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xxviii. The environmental statement for each financial year ending 31st March shall be submitted to the concerned 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 with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.

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- xxix. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.
- xxx. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not found to be satisfactory.
- xxxi. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

SPECIFIC CONDITIONS:

- i. The Consultant EQMS India Pvt. Ltd., Delhi shall submit a certificate on its official letter head to the State Environment Impact Assessment Authority, J&K to the effect that the data projected for risk analysis is authentic and proposed project design of the storage facility satisfactorily within standard permissible limits of risk management as per national/International standards/codes.
- ii. Adequate buffer zone around the LPG mounded storage facility/ Botling plant shall be provided, as may be required as per OISD or other statutory requirements and the District Disaster Management Authority be fully made aware of the same.
- iii. Regularly monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data be submitted to Ministry's Regional Office, CPCB and State Pollution Control Board. Quarterly monitoring for fugitive emissions should be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office at Chandigarh.
- iv. Necessary approvals from Chief Controller of Explosives must be obtained before commission of project, if applicable. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.
- v. The company should obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.
- vi. Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once in a month.
- vii. Additional safety measures should be taken by using remote operated shut off valve, double block & bleed valve (DBB), impervious dyke wall and un-bonded flexible roof drain pipe, if applicable.
- viii. Unit should carry out safety audit and report submitted to the Regional Office.
- ix. The product/by-products which fall under the Hazardous Management/Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.
- x. The Ministry reserves the right to add additional safeguard measures 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.

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3. Grant of Environmental Clearance in the case of proposed Common Effluent Treatment Plant (CETP) at Khasra No. 3&199 Village-Mandhera, District, Samba, Jammu by J&K State Industrial Development Corporation Ltd.(SIDCO).

As per the EIA Notification dated 14th September, 2006 as amended till date, the proposed project falls under the Category 7 (h) i.e. Common Effluent treatment plants (CETP's) The project shall be treated as category 'B'. on the recommendations of the SEAC, for grant of Environmental clearance to the project proponent, it was decided that the project proponent should submit an undertaking to the effect that they will dump the ETP sludge at a designated dumping site and used oil shall be transferred to the registered recyclers and shall also produce documentary proof in this regard before issuance of Environmental clearance in favour of the project proponent with following conditions:-

General Conditions

- i. The project authorities must strictly adhere to the stipulations made by the SPCB, State Government and any other statutory authority.
- ii. No further modification or expansion in the project shall be carried out without prior approval of the Ministry of Environment Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to this Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board, Regional Office, District Industries Centre and Collector's Office/ Tehsildar's office for 30 days.
- iv. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to concerned Regional Office of the Ministry.
- v. Officials from the Regional Office of MoEF&CC, Chandigarh 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. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Chandigarh.
- vi. The Ministry reserves the right to add additional safeguard measures 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.
- vii. These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.
- viii. The project proponent shall 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 State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Chandigarh.
- ix. Any appeal against the 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.

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- x. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParasad/Municipal Corporation, Urban Local Body and the Local NGO. The clearance letter shall also be put on the website of the company by the proponent.
- xi. The proponent shall upload the status of 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&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO₂ (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project Proposal shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xii. 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 concerned 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 with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by email.

Specific Conditions

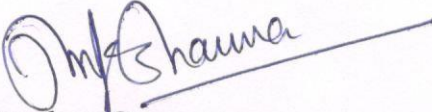
- i. The project proponents shall adhere to all conditions as prescribed in the Protocol for 'Performance Evaluation and Monitoring of the Common Hazardous waste treatment, storage and disposal facilities' published by the CPCB in May, 2010.
- ii. Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
- iii. Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.
- iv. The chemical sludge shall be disposed-off in accordance with the Hazardous Waste (Management, Handling and Transboundary) Rules, 2008 & amended thereof.
- v. The partially treated and untreated industrial effluent and sewage will be mandatorily passed through CETP.
- vi. Noise levels will be regulated within acceptable limits as prescribed under law.
- vii. Treated water will be circulated for horticulture & agricultural. Basic utilities like supply of water, electricity, gas etc. will be improved
- viii. The authorized landfill site for disposal of the chemical sludge shall be properly maintained and monitored regularly and corrective measures taken for safeguarding environmental concerns.
- ix. Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.
- x. The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
- xi. All leachates arising from premises should be collected and treated in the ETP. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
- xii. On line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.
- xiii. Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.

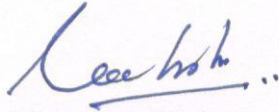
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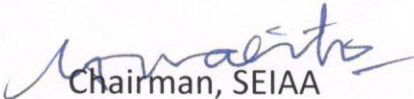
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- xiv. Gas generated in the authorized Land fill site where the chemical sludge is disposed-off should be properly collected, monitored and flared.
- xv. Project Proponent shall develop green belt, at least 10 m thick in the periphery of the Common Effluent Treatment Plant facility.
- xvi. Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to prevent unwanted access.
- xvii. Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained. There should be effective arrangement for monitoring health of the workers.
- xviii. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires,, explosion or any unplanned sudden or non sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water.
- xix. The project proponent shall allocate 5% of the project cost for community development as agreed in the EMP Report. The meeting ended with vote of thanks to the Chair.


Member-Secretary,
SEIAA


Member, SEIAA


Chairman, SEIAA