

**Tata Chemicals Limited, Mithapur**  
**Compliance status report of Environmental Clearance (Ministry's letter No. J - 11011- 66/99-IA - II (I) Dated November 20,**  
**2000 amended Jan 17, 2001**

| #                            | A. Specific Conditions:   | Compliance Status (July 2020 to December 2020)  |
|------------------------------|---|---|
| i                            | Gaseous and particulate matter emissions from various units should conform to the standards prescribed by State Pollution Control Board. At no time the particulate emission should exceed 50 mg/Nm <sup>3</sup> . Interlocking system should be provided in the pollution control equipment, so that in the event of pollution control equipment not working, the respective unit(s) is shut down automatically. | Gaseous and particulate matter emissions from various units are complied with the standards prescribed by State Pollution Control Board. Upgradation of APCDs as per Revised Action Plan vide TCL letter No. A/WG/0514/2017 dated 22.09.2017 and CPCB directions vide letter no. B-33014/7/IPC-II/2017-18/10225 dated 06.09.17. |
| ii                           | Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA/state authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with SPCB and report submitted to the board quarterly and to the Ministry (Regional Office, at Bhopal) half yearly.   | Monitoring of ambient air quality and stack emissions are carried out regularly in consultation with SPCB and report submitted to the board monthly and to the Ministry (Regional Office, at Bhopal) half yearly enclosed as <b>Annexure-1</b> .  |
| iii                          | Fugitive dust emissions at various transfer points should be controlled by installing adequate dust collection and extraction system. Closed circuit grinding should be provided in all grinding sections of the plant. On-Line Particulate matter monitor should be installed for Kiln and raw mill stack.   | Fugitive dust emissions at various transfer points are controlled by operation of Bagfilters. Closed circuit grinding is provided in Cement Mill, Raw Mill and Coal Mill sections of the plant. On-Line CEMS are installed and connected to CPCB server.  |
| iv                           | Green belt of 25 m width and density should be provided to mitigate the effects of fugitive emission all around the plant. As indicated in EMP, a minimum of 4 Ha of land in addition to the 4 Ha of area already afforested should be developed as green belt in consultation with local DFO.  | Green belt has been developed in periphery of cement plant and maintained with drip irrigation system.  |
| v                            | The company shall use effluent cake generated from the soda ash plant as raw material and in case of its non-availability, the company shall proportionately reduce the production.   | Filtered solids i.e. Effluent cake are used as raw material for cement plant. Availability of Effluent cake is ensured all time during operation of cement plant.   |
| vi                           | Entire water requirement of the expansion should be met from the desalination plant. Ground water should not be exploited for the operation of the plant.   | Water requirements for cement plant is being met from Desalination plant.<br>No Ground water is being utilised for the operation of the plant.  |
| vii                          | As committed to the ministry, company should continue its drinking water supply to 19 villages of Okhamandal Taluka.  | TCSR has implemented Integrated Water Management Program to ensure the availability of water in villages of Okhamandal area.<br>Now, Govt. has connected water supply system in Okhamandal area which ensures regular water supply to the villages.   |
| viii                         | The company should implement the proposal developed by Tata Chemical Society for Rural Development for reclamation of abandoned mines and water harvesting structures in consultation with lease holders.   | Company has Implemented the proposal developed by Tata Chemical Society for Rural Development for reclamation of abandoned mines and water harvesting structures in consultation with lease holders.  |
| <b>B General Conditions.</b> |   |   |
| i                            | The project authorities must adhere to the stipulations made by State Pollution Control Board.  | Company is complying with the stipulations made by Gujarat Pollution Control Board (GPCB). Third Party Schedule-I Environment Auditor deputed by GPCB monitors the stipulations made by GPCB.   |
| ii                           | No expansion or modification of the plant should be carried out without prior approval of this ministry.  | Environmental Clearance has been granted by the Ministry for expansion of cement production capacity.   |
| iii                          | Company must obtain "consent to operate" from the State Pollution Control Board before commissioning the plant  | Company has obtained "consent to operate" from the State Pollution Control Board before commissioning the plant.  |

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| #    | A. Specific Conditions:  | Compliance Status (July 2020 to December 2020)  |
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| iv   | Handling, manufacturing, storage and transportation of hazardous chemicals should be carried out in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 1991. Permission from state and central nodal agencies in this regard must be obtained.  | Handling, manufacturing, storage and transportation of hazardous chemicals are carried out in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 1991. In this regard, permission from state and central nodal agencies has been obtained.   |
| v    | Hazardous waste if any, must be handled and disposed as per Hazardous waste (management and handling) rules 1989. Authorisation from State Pollution Control Board in this regard must be obtained.  | Hazardous wastes are handled and disposed as per Hazardous waste Rules notified under Environment Protection Act, 1986. In this regard, Authorisation from Gujarat Pollution Control Board has been obtained.   |
| vi   | Proper housekeeping and cleanliness must be maintained within and outside the plant.   | Proper housekeeping and cleanliness is maintained within and outside the plant by implementation of 5S and Good Housekeeping practices.   |
| vii  | Occupational health surveillance of the workers should be done on a regular basis and records maintained.  | Occupational health surveillance of the workers is done on a regular basis and records are being maintained.  |
| viii | The project proponent shall also comply with all environmental protection measures and safeguards recommended in the EIA/EMP.  | Company has implemented and is complying with Environmental protection measures and safeguards recommended in the EIA/EMP.  |
| ix   | A separate Environmental management Cell with full fledged laboratory facilities to carry out various management and monitoring functions should be setup under the control of Senior executive.   | A separate Environmental management Cell with full-fledged laboratory facilities to carry out various management and monitoring functions has been setup under the control of Apex Environment Committee. Company also have a well-established Environment management system (ISO 14001) which is being audited by external experts.  |
| x    | The funds earmarked for environmental protection measures should not be diverted for any other purpose and year wise expenditure should be reported to this ministry and SPCB.   | The funds earmarked for environmental protection measures are not being diverted for any other purpose and year wise expenditure are submitted to the Ministry and SPCB as a part of Environment Statement.   |
| xi   | Six monthly status report on the project vis-à-vis implementation of environmental measures should be submitted to this ministry (Regional office, Bhopal)/ CPCB/ SPCB.  | Six monthly compliance status reports for duration 'July 2020 to December 2020' is being submitted the Ministry (Regional office, Bhopal)/ CPCB/ SPCB.  |
| xii  | The project proponent should inform the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with State Pollution Control Board/ committee and may also be seen at website of Ministry and Forest at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . This should be advertised in at least two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned. | The project proponent informed the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with State Pollution Control Board/ committee and may also be seen at website of Ministry and Forest at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . The same had also been advertised in two local newspapers in English and Gujarati language. |
| xiii | The project authorities should inform the regional office as well as the ministry, the date of financial closure and final approval of the project by concerned authorities and the date of commencing the land development work.  | TCL has sourced expansion related funding internally so financial closure is not applicable. However general plant expansion status is updated timely to the Regional Office as well as the Ministry.   |