

EC' CONDITIONS COMPLIANCE STATUS APRIL 2014 TO SEPTEMBER 2014

Ref: Order No. SEIAA/TN/EC/1(d)/001/F-01/2008 DT. 22.07.08

Sub: Establishment of 16TPH Boiler along with Power Plant located in M/s Asian Paints Limited, Penta Division, B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005. - Reg

S.No.	EC Conditions	Compliance Status.
01	"Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu before taking up of any construction activity at the site.	CTE obtained from TNPCB vide their Water Act Consent order: 4715 dt.28.11.2008. Proceeding No.T11/TNPCB/CHEM/F576/RL/CUD/W/08 dt. 28.11.2008. Air Act Consent Order: 4659 dt.28.11.2008. Proceeding No.T11/TNPCB/CHEM/F-576/RL/CUD/A/08 dt.28.11.2008.
02	Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.	Complied with. Pollution loads on the ambient air quality, noise and water quality is being periodically monitored through the competent authority.
03.	Suitable Air Pollution Control System (multiclone & Bag filters) and stacks of appropriate height as per the CPCB guidelines shall be provided to control emissions from various sources and shall ensure emissions levels below the standard prescribed by Tamil Nadu Pollution Control Board. Separate electric meters should be provided to the Air Pollution Monitoring System and a separate log book maintained for the daily meter readings and monthly report submitted to SEIAA, Tamil Nadu.	The boiler is fitted with APC measures such as Multiclones & Bag filters. Stack of 42 Mtrs. height (as per CPCB guidelines) has been erected. Separate electric meter is installed. Monthly report submitted. Complied with. A separate log book maintained for the daily meter readings.



04.	<p>All the conditions stipulated by Tamil Nadu State Pollution Control Board in their CFE shall be strictly implemented.</p> <p>Special Conditions :</p> <ul style="list-style-type: none"> ➤ The Unit shall comply with all the conditions stipulated in the Environmental Clearance issued dt.22.07.2008 by SEIAA. ➤ The Unit shall store the Coal in a closed shed to avoid carryover of the same during rainy season and also avoid fugitive emission while handling. ➤ The Unit shall ensure that there shall not be any dust emission generated during transportation and discharging of fuel. 	<p>Complied with.</p> <p>Coal is stored only in closed shed.</p> <p>Complied with. Coal is being conveyed through closed system.</p>
	<ul style="list-style-type: none"> ➤ The Unit shall provide mechanical dust collector and bag filter for the flue gas emission from the new boiler of 16T/Hr. so as to achieve emission standards of 50 mg/Nm³. ➤ The Unit shall provide continuous online monitor to monitor the Particulate matter and SO₂ emission from the new Boiler stack and shall continuously record the same through computer recording arrangement and furnish the report to the Board periodically. ➤ The Unit shall explore the possibility of using Coal / Lignite having less sulphur content. ➤ The unit shall first decommission the existing 2 Nos. 7 T/Hr. capacity boilers and install new boiler (16 T/Hr.) in the same location. ➤ The Unit shall not simultaneously operate the existing one no. 14 T/Hr. Boiler and the 16 T/Hr. boilers as assured. ➤ The Unit shall connect the flue gas duct of 8 T/Hr. Boiler to the new chimney for 16 T/Hr. on commissioning and remove the existing common chimney of 30 metre attached to 2 Nos. 7 T/Hr. and 1 No. 8 T/Hr. boiler. ➤ The Unit shall develop more Green Belt inside the premises. 	<p>Mechanical dust collector and bag filters have been installed. We are always well within the standards of 50 mg/NM³</p> <p>Complied with. Report being submitted to TNPCB periodically. Particulate matter, NO_x and SO₂ emission is continuously monitored online through Care Air centre.</p> <p>Low sulphur imported coal is being used.</p> <p>Complied with.</p> <p>Complied with.</p> <p>Complied with.</p> <p>Complied with. Tree plantation is an on going continuous activity.</p>



05.	Only imported coal with 2 - 4% ash content and low sulphur should be used as fuel. No other fuels should be used.	Complied with.
06.	Water requirement of 695 m ³ /day (no increase from existing quantity) should be met from the existing available water allocation from SIPCOT supply. No ground water shall be drawn for the power plant at any stage.	Complied with.
07.	The boiler blow-down shall be treated in existing ETP and treated water shall not be let out of the industry's premises.	Complied with.
08.	For controlling fugitive dust inside and outside the plant premises and vulnerable areas of the plant and dust extraction and suppression system and water sprinklers shall be ensured.	Dust suppression system and sprinklers available. Complied with.
09.	Noise level shall be limited to 75 dBA. For people working in high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Complied with.
10.	The gaseous emissions (SO ₂ , NO _x) and particulate matter from Boilers, DG sets and other processes shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation under intimation to the Regional Officer, Tamil Nadu.	Complied with. Online SO _x , NO _x and SPM monitor installed and the same is recorded on continuous basis. Will be complied.
11.	Regular monitoring of the air and water quality should be carried out in and around the power plant and records to be maintained. Six monthly reports shall be submitted to the SEIAA, Tamil Nadu, MOEF Regional Office, and Bangalore.	Complied with. Six monthly reports submitted to the SEIAA, Tamil Nadu, MOEF Regional Office, and Bangalore.
12.	A separate environment and safety management cell with qualified staff shall be maintained through out the lifetime of the industry, for implementation of the stipulated environmental safeguards.	Separate steering committee for Environment & Safety Management is available.



13.	The unit shall provide on line continuous stack monitoring for SO _x , NO _x , CO, SPM for the proposed 16 TPH boiler.	On line Flue gas Analyser of M/s.Kane International Ltd. U.K make is provided for SO _x , NO _x & CO. On line Stack Emission analyser of M/s. Sintrol, Finland make is provided for SPM monitoring. Complied with.
14.	The unit shall provide adequate control measures for the CO emission during start up and shut down operations of the boiler.	CO emission monitoring facility is available. In addition to the online CO analyser provided as above, Online O ₂ analyzer provided to ensure adequate Oxygen supply during start-up and shut down to control CO emission. Complied with.
15.	Ash generated should be disposed as per the provisions stipulated in the Fly-ash Notification of September, 1999 and as amended in August, 2003.	Complied with.
16.	For Solid - waste management, composting arrangements shall be provided for biodegradable waste at site.	Vermi compost pits are constructed and they are available. Complied with.
17.	The Project Proponent shall implement the Environment Management Plan.	Environment management plan is available and it is implemented. Complied with.
18.	The environmental Clearance is hereby accorded only for the replacement of 2 x 7 TPH boilers with 1 x 16 TPH boiler with power generation of 0.995 MW.	Complied with.



GENERAL CONDITIONS COMPLIANCE STATUS

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S.No.	General Conditions	Compliance Status
01.	It is mandatory for the project proponent to furnish to the SEIAA. Half yearly compliance report in hard and soft copies on 1 st June and 1 st December in the prior Environmental Clearance.	Complied with.
02.	In the case of any change (s) in the scope of the project, a fresh appraisal by the SEIAA shall be obtained.	Shall be Complied.
03.	The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the Environmental clearance under the provisions of the Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Shall be Complied.
04.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosive, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the competent authorities.	Complied with.
05.	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 the public that i. The project has been accorded Environmental Clearance. ii. Copies of Clearance letters are available with the Tamil Nadu Pollution Control Board. iii. Environmental Clearance may also be seen on the website of the SEIAA. The advertisement should be issued within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the SEIAA.	Copies of Clearance letters are available with the Tamil Nadu Pollution Control Board. Complied with.

