

F.No. J-11011/180/2004-IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

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Dated: 2nd June, 2011

To, ✓
Shri S. Gopal, Managing Director
M/s Chemplast Sanmar Limited
9-Cathedral Road, Chennai-600 086
Tamil Nadu.

E-mail : sg2@sanmargroup.com; Fax No.: 044-2811 4116.

Subject : Increase in Production Capacity of PVC Resins (1,70,000 TPA) to 2,26,000 TPA) in the PVC Plant at RS No.72-76, 129-3, 130 Part, 132-134, 130Pt, 131Pt Village Semmakuppam Thyagavalli, SIPCOT Industrial Complex Phase-II, District Cuddalore, Tamil Nadu by M/s Chemplast Sanmar Limited - reg.

**Ref. : 1. Ministry's letter no.J-11011/180/2004-IA-(II)-I dated 28th November, 2005.
2. Your letter no. nil dated 3rd & 10th February, 2011.**

Sir,

Kindly refer your letter no. nil dated 3rd & 10th February, 2011 wherein you have informed to the Ministry regarding enhancement in the capacity of the PVC plant (1,70,000 TPA to 2,26,000 TPA) in the existing PVC Plant by making full capacity utilization of the PVC plant by adopting following de-bottlenecking process:

1. Reduction in reaction time for polymerization due to harnessing excess cooling capacity and managing concentration of catalyst. Cycle time/batch will reduce to 310-320 minutes against 370-380 minutes originally envisaged.
2. Reduction in non-reaction time taken for other activities like heating, charging, plan down recovery etc. by making the catalyst required for the next batch at the end of the provisions batch and faster emptying of the reactors.
3. No changes in the amount of the PVC produced per batch (37 Tons PVC/batch).
4. Maintenance of plant for 17 days/yr only.
5. Solid waste generation within limits by process improvement and recycle off 5 pec. products.
6. No change in land use, equipment, infrastructure or technology.
7. No change in the number or capacity of reactors (4x120 m³).

2.0 The matter was discussed in the 20th Expert Appraisal Committee (Industry-2) held during 3rd-4th March, 2011 and further examined in the Ministry. The Ministry of Environment and Forests hereby accords environmental clearance for the enhancement in the capacity of the PVC plant (1,70,000 TPA to 2,26,000 TPA) in the existing PVC Plant for full capacity utilization of the PVC plant under the provisions of EIA Notification dated 14th September, 2006 subject to strict compliance of the following additional specific and general conditions: ✓

A. Specific Conditions :


- i. All the specific conditions and general conditions specified in the environmental clearance accorded vide Ministry's letter no. J-11011/180/2004-IA-II(I) dated 28th November, 2005 should be implemented and a compliance report should be regularly sent to the Ministry's Regional Office at Bangalore.
- ii. Total fresh water requirement from desalination plant should not exceed 1,323 m³/day. No ground water should be used.
- iii. No effluent should be discharged outside the plant premises.
- iv. Green belt should be developed in 33 % of the total plot area. Time bound implementation action plan with budgetary provisions in consultation with DFO should be submitted to this Ministry.

B. Specific Conditions :

- i. A copy of environmental clearance letter for the existing plant and also for the enhanced capacity 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.
- ii. 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 at Bangalore, the respective Zonal Office of CPCB and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral 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.
- iii. 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 of MOEF at Bangalore, the respective Zonal Office of CPCB and the TNPCB. The Regional Office of this Ministry / CPCB / TNPCB shall monitor the stipulated conditions.
- iv. 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 alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.
- v. The Project Proponent shall inform the public that the project has been accorded environmental clearance for the existing and enhanced capacity by the Ministry and copies of the clearance letter are available with the TNPCB and may also be seen at Website of the Ministry of Environment and Forests 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.

- vi. 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.
- 3.0 This letter may be kept with the original letter.
- 4.0 This has been issued with prior approval from the Competent Authority in the Ministry.


(Dr. P. B. Rastogi)
Director

Copy to :

1. The Secretary (Environment) Govt. of Tamil Nadu, Fort St. George, Chennai - 560 560, Tamil Nadu.
2. The Chairman, Tamil Nadu Pollution Control Board, 100, Anna Salai, Guindy, Chennai-600 032, Tamil Nadu.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110 032.
4. The Chief Conservator of Forests (Central), Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wings, 7th Main Road, 2nd Block, Koramangala, Bangalore - 560034, Karnataka.
5. Adviser (IA-II), Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
7. Guard file
8. Monitoring file
9. Record file


(Dr. P. B. Rastogi)
Director