

REGD.POST WITH ACK.DUE

Order No. SEIAA/TS/OL/MDK-27/2017- 305

Dt:17.04.2017.

Sub: SEIAA, TS - M/s. Virchow Chemicals Private Limited, Sy.No.10, IDA Gaddapotharam (V), Jinnaram (M), Medak District – Amendment to Environmental Clearance – Issued - Reg.

Ref: 1. Order No. SEIAA/TS/MDK-53/2015-500, dt. 20.05.2016.
2. Your representation along with application submitted online on 17.02.2017 (proposal no. SIA/TG/IND2/18591/2016) received on 28.02.2017.

- I. Earlier, the SEIAA, Telangana had issued Environmental Clearance for the proposed expansion of Synthetic Organic Chemicals manufacturing unit in the name of **M/s. Virchow Chemicals Private Limited, Sy.No.10, IDA Gaddapotharam (V), Jinnaram (M), Medak District** vide reference 1st cited, mentioning Stripper, MEE and ATFD as treatment system for high TDS effluents.
- II. The proponent vide reference 2nd cited informed that Stripper is not required as their effluent does not contain any organic volatiles. The neutralized effluent solids concentration matches that of the output of MEE. If the saturated effluent is fed to the MEE, it further gets saturated and will get choked in second or third stages of MEE and would not be able to feed it to ATFD. Hence, MEE is not required. They use the Preheater followed by ATFD for evaporation of our effluents. TDS and COD of the vapor condensate is below 150 ppm hence the condensate is reused in process. Keeping in view the above facts it was informed that they need not install Stripper and MEE for effluent evaporation. Hence, it was requested to issue amendment to EC accordingly by substituting the Stripper and MEE in HTDS effluent evaporation system with suitable evaporation system for their HTDS effluent as per proposed scheme.
- III. The request of the proponent was examined by the State Level Expert Appraisal Committee (SEAC) in its meeting held on 17.03.2017. Based on the information furnished; presentation made by the proponent and the consultant M/s. Pridhvi Envirotech Pvt. Ltd., Hyderabad; the Committee considered the request of the proponent and recommended to issue amendment to the EC order. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on 06.04.2017 examined the request of the proponent and the recommendations of SEAC, and decided to issue amendment to the Environmental Clearance. Hence, the following amendments are made to the EC order issued vide reference 1st cited:

- (a) The term "MEE" mentioned in condition no. iii under i. Air Pollution in A. Specific conditions shall be read as "*Single / Multiple Effect Evaporator system*".

(b) The condition no. iii. mentioned under b) Water Pollution in A. Specific conditions shall be read as:

*“The high TDS and low TDS effluents generated from the process are to be separated and treated separately. The high TDS effluents shall be disposed into stripper followed by Single / Multiple Effect Evaporator and ATFD. The condensate shall be reused in cooling towers after necessary treatment. The LTDS effluents shall be treated in an ETP followed by RO system. The permeate is to be re-used in the plant and rejects are to be sent to Single / Multiple Effect Evaporator system. The treated effluents shall be recycled completely. The project proponent shall achieve **Zero Liquid Discharge** and in no case the effluent shall be discharged outside the factory premises. The volatile organics, if any, shall be sent to recyclers authorized by TSPCB”.*

IV. All other information mentioned and conditions stipulated in the EC order issued vide reference 1st cited remain the same.

Sd/-
MEMBER SECRETARY
SEIAA, T.S.

Sd/-
MEMBER
SEIAA, T.S.

Sd/-
CHAIRMAN,
SEIAA, T.S.

To

Sri P. Ravindra, Project Manager,
M/s. Virchow Chemicals Pvt. Ltd.,
Plot No.6, S.V.Co-op Industrial Estate,
IDA Jeedimetla, Hyderabad – 500 055
Ph.No.040 -23096688
Email: logistics@virchows.com

Copy to:

1. Prof. Ch. Krishna Reddy, Chairman, SEAC, Telangana for kind information.
2. The Member Secretary, TSPCB for kind information.
3. The EE, RO: Sangareddy-II, TSPCB for information.
4. The Regional Officer, MoEF&CC, GOI, Chennai for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.

//T.C.F.B.O//

Ragkop

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