

Simulation of Manufacturing Process of DME by Vapor Phase Synthesis from Methanol

*Dr. Jagannadha Rao. P., Balarama Sridhar. D., Bharat. G., Manasa. G., Anand. G., Vinodh kumar. Ch., Gangadhara Rao. P., Kishore kumar. S., Dr. Rajendra Prasad. P.**

Department of Chemical Engineering, Andhra University, Visakhapatnam

KEYWORDS

Di-Methyl Ether,
Non Conventional
Energy, Aspen Plus
Simulation.

Abstract: *Vapor phase production of DME from methanol manufacturing process is presented and its process flow sheet simulation is done by Aspen plus. The simulated material balance and energy balance data is presented in the paper. Both the manually calculated values and Aspen simulate values are in good agreement*