

**INVESTIGATION OF TECHNICAL ISSUES IN PILOT PLANT DEVELOPMENT FOR
DIVINYLBENZENE (DVB)**

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ABSTRACT

Various sections of a pilot plant unit for DVB production are explained. Technical problems related to pilot plant development for DVB is discussed and investigated. The flow diagram of a pilot plant unit for the production of DVB consists of a boiler for steam, a heat exchanger for diethylbenzene (DEB), a packed bed reactor, condenser, vacuum pump and distillation column.

KEY WORDS: Divinylbenzene, pilot plant, dehydrogenation, technical issues