



Styrene Monomer Plant - 530,000 TPY

Capacity: 530,000 TPY

Products: Styrene Monomer

Major Equipment

- Alkylation Reactor
- Benzene Tower
- Ethylbenzene Tower
- Poly-Ethylbenzene Tower
- Absorption Tower
- Preheating Furnace
- Cracking Reactor
- Oil-Water Separator
- Condensate Stripper
- Heat / Quench Train
- Styrene Monomer Finishing Tower

Brief Plant Description

Used styrene plant consisting of 610,000 TPY ethylbenzene (EB) production unit and 530,000 TPY styrene monomer (SM) production unit. The first process section in the SM unit is cracking where EB is in two catalyst filled reactors converted with steam into SM and hydrogen through dehydrogenation. The process operated at high temperature. The second process section in the SM unit is finishing which purifies the SM and recycles unused EB to the feed of the cracking section.

**For more
information contact**

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