



95 MM PPY (50,000 TPY) Phenol Plant For Sale in North America



- Shut down in 2013 • Honeywell Process
- Two oxidizers replaced in 2008 • PFD's and P&ID's available

This Phenol Plant uses the Honeywell process. Cumene reacts with oxygen obtained from compressed air @ 85-105°C and atmospheric pressure in the Honeywell method. The reaction forms a compound known as Cumene Hydroperoxide (CHP). The reaction usually takes place over several reactors in series. There are 5 reactors at this plant. The CHP concentration leaving the final reactor is between 30-40%. The concentration is normally no higher due to the formation of undesirable byproducts. The complete process description is available.



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