

## 34,000 TPY PHTHALIC ANHYDRIDE PLANT FOR SALE

Capacity: 34,000 TPY

Year Built: 1981

Upgrades: 1982, 1984

Feedstock: Orthoxylene

### Major Equipment:

- Orthoxylene oxidation tube reactors
- Crude PA distillation Column
- Incinerator
- Gas refrigerator
- Separator
- Condenser
- Washing tower
- Filter



### BRIEF PROCESS DESCRIPTION

The process of the PA production takes place in two tubular reactors and is based on the catalytic oxidation of orthoxylene with air oxygen. Mixture of hot air and orthoxylene is continuously added in reactor, where are installed ceramic rings covered with vanadium pentoxide, which catalyzes the reaction. Crude Phthalic anhydride is thermally treated and then led to the distillation into two columns. Cold gas, from which we excluded phthalic anhydride, is leaving the separator as a waste gas. The incinerator is equipped with a metering pump, metering nozzles, fans of the primary and secondary air, and two supporting burners on fuel oil.

**CONTACT US FOR MORE DETAILS**

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