

## Phthalic Anhydride Plant for Sale

### Capacity

Total capacity 90,000 TPY of PA  
(Line 1: 30,000 TPY  
Line 2: 60,000 TPY)

Fumaric Acid 6,000 TPY

### Major Equipment

Tubular reactor  
Orthoxylene heater  
Orthoxylene filter  
Stripping column  
Steam condenser  
Water heat  
Separation column  
Oil heater  
Oil cooler  
Distillation column  
Barometric column



### BRIEF PLANT DESCRIPTION

The plant consists of 2 production lines. Line 1 has capacity of 30,000 TPY, Line 2 60,000 TPY. In addition, the plant makes 6,000 TPY of fumaric acid as a by-product. The production includes 4 main process sections: (a) oxidation (b) condensing (c) distillation (d) gas scrubbing. The two lines share distillation, flaking machine and fumaric acid tanks. Oxidation process unit was newly built in 1992; switch condenser was new in 1997. The operation can reach raw material and utility consumptions better than 0.901 ton of orthoxylene, 137,000 KWH and 2,910 ton of steam per ton of Phthalic Anhydride product. Purified Phthalic Anhydride product has the specifications: Purity > 99.5%; Crystallization point (or solidification) > 130.8 °C; Benzoic acid < 1000 ppm; Phthalide < 800 ppm.

### CONTACT US FOR MORE DETAILS

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