

26000 TPY CHLOROMETHANE PLANT

Capacity:

- 26,000 TPY chloromethane
- 26,000 TPY 30% hydrochloric acid
- 3,000 TPY carbon tetrachloride

Year Built: 1990

Feedstock: Methanol
Liquid chlorine

Technology:

- Methanol gas phase hydrochlorination with alumina catalyst.
- Liquid phase Methyl chloride chlorination with radical initiator.

Major Equipment:

- COOLING UNITS
- PUMPS
- COLUMNS
- TANKS
- EXCHANGERS
- REACTORS
- TANKS
- SEPARATORS
- BOILERS
- COMPRESSORS
- VENTILATORS
- HEATERS
- FILTERS - TUBS



BRIEF PLANT DESCRIPTION

The plant includes the following process sections:

- Hydrochlorination and purification. In this section, methyl chloride is produced by the chlorination of methanol in gas phase.
- Chlorination and separation of hydrogen chloride and methyl chloride. This section produces chloromethanes (methylene chloride, chloroform and carbon tetrachloride) by means of chlorination of liquid phase methyl chloride.
- Separation and purification of methylene chloride and chloroform.
- Waste sections: sulfuric acid recovery, organic acid and methanol recovery, residual gases and contaminated water.
- Utilities: cooling services, air

**CONTACT US FOR
MORE DETAILS**

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