

Crude Oil Refining Unit

Capacity

85,000 barrels per day

Years in operation

33 years

Products

Naphtha
Distillates
Asphalt
Off gas

Major Equipment

Atmospheric Column
Vacuum Column
Flash Drum
Desalter
Fuel Gas Furnace
Seal Drum
Condenser
Heat exchanger
Super Pumps (up to 1500 HP)
Compressor



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BRIEF PROCESS DESCRIPTION

The crude unit mainly consists of an atmospheric distillation column and a vacuum distillation column. The atmospheric column separates most of the lighter end products such as gas, gasoline, naphtha, kerosene, and gas oil from the crude oil. The bottom of the atmospheric column is sent to the vacuum column, that separates reduced crude from the atmospheric column into heavy distillate, gas oil and asphalt. The first step in vacuum distillation of reduced crude is to vaporize all the components to be recovered plus extra overflash.

CONTACT US FOR MORE DETAILS