

PORT HAMILTON REFINING AND TRANSPORTATION, LLLP

Equipment for Sale: No. 3 Crude Distillation Unit and No. 1 Vacuum Unit

Summary:

The 1969/2002 No. 3 Crude Distillation Unit and No. 1 Vacuum Unit have a processing capacity of 40,000 Barrels Per Day (BPD) processes high-sulfur Mesa/Merey. The unit has been idled since early 2012.

One single phase desalting and one side draw – Kero or 2 Oil only. HAGO extracted in the vac unit with Vacuum Gas Oil (Hago gas Oil)

Major equipment in the units includes Feed preparation and Heat Recovery, Fractionation, and Vacuum.

Documentation for this facility is available in electronic formats. Including process flow diagrams, process descriptions, plot plans, and major equipment drawings and specification sheets for all units.

All pressure vessels have National Board numbers.

Specifications:

Feed Preparation and Heat Recovery Section

Cold Train Crude Charge 200 Train – 20 MBPD normal, 180 PSIG, 260 deg F

Cold Train Crude Charge 327 Train – 20 MPBD normal, 180 PSIG, 260 deg F

Charge /HVO exchangers 44" diameter x 20 ft. long
Heavy Vacuum Gas Oil Coolers: 7 ft wide x 32 ft long, 348 one-inch tubes

Fractionation Section

Desalter 180 PSIG normal, 180 PSIG, 260 deg F

Crude Tower OH receiver 9 PSIG, 300 deg F

Prestripper Tower 11 ft diameter x 49 ft high, carbon steel material with 12 valve trays. Rated for 50 PSIG and 750 deg F.

The direct-fired feed furnace is designed for 34 MM BTU/Hr and is rated for 435 PSIG at 954 deg F.

The column is rated for 160 PSIG at 515 deg f.

Vacuum Section

Vacuum Bottoms, max pressure at worst possible conditions, 26-30 MMHG, 700 deg F



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FOR MORE INFORMATION

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