

PORT HAMILTON REFINING AND TRANSPORTATION, LLLP

Equipment for Sale: No. 2 Platformer Unit

Summary:

The 1969 No. 2 Platformer Unit is a fixed-bed UOP licensed reforming unit with a 220-psig separator and a charge capacity of 28,000 barrels per day (BPD). The unit is designed to process BTX (Benzene, Toluene, Xylene) naptha and heavy naptha with a preconditioned No. 2 Unifiner (Hydrobon) Reactor.

These units are in good condition.

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 Certification numbers.

Specifications:

Feed Section

P-611 A/B/C – Unifiner Charge Pumps
Manufacturer: Pacific
345 gpm @ 394 PSIG @ 1075 Ft Hd Ea.
GE 250 HP Drive Motors

P-605 A/B – Platformer Charge Pumps
Manufacturer: Pacific
668 gpm @ 467 PSIG @ 1072 Ft Hd Ea.
GE 350 HP Drive Motors

H-600 Unifining Charge Heater
G.C. Broach Co. Vertical
Radiant/Convection
Design Duty: 33.3 MMBTU/Hr
Seamless Alloy Steel

H-602 Platformer Charge Heater
G.C. Broach Co. Vertical
Radiant/Convection
Design Duty: 87.16 MMBTU/Hr
Seamless Alloy Steel

Reactor Section

C-600 A/B Recycle Gas Compressors
Clark Centrifugal Type
Rated RPM: 6633
Rated flow: 3505 MMSCFD/107.2 CFM

Catalytic Reactors

(4) Plat Charge Reactors 320-350 PSI @ 1010oF
Unifiner Reactor: MAWP: 375 PSI @ 750 oF Catalytic Reactors



No. 2 Platformer Unit

Reactor Interheaters

H-603 Interheater #1
G.C. Broach Co. Vertical Radiant/Convection
Design Duty: 52.39 MMBTU/Hr
Seamless Alloy Steel

H-604 Interheater #2 and H-605 Interheater #3
G.C. Broach Co. Vertical Radiant/Convection
Design Duty: 52.39 MMBTU/Hr
Seamless Alloy Steel

FOR MORE INFORMATION

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