



GAS-TO-LIQUIDS DEMONSTRATION PLANT LIQUIDATION

DESCRIPTION

Gas-to-Liquids Demonstration Plant – Built in 2016 – Operated for only a few months. The Plant was designed to convert landfill gas (LFG) and pipeline natural gas into paraffinic naphtha, diesel and was using Fischer-Tropsch conversion. Major Units & Items include:

- 18,500 Nm³/hr Hydrochem Syngas Refomer Plant (Hydrogen and CO);
- 2,442 CFM Tuthill Landfill Gas Blower Package;
- (2) 2378 SCFM First stage Rotary Screw Compressor package
- Molecular Sieve Dryer Skids
- Ariel JGJ-2 Reciprocating Compressor
- Ariel JGT-2 Reciprocating Compressor
- 950 MW Elliot Steam Turbine Generator – Model DRYE-111
- Marley Model NC-8414 810 Ton
- 1585 Sq Ft 304L SS Chart Fin Fan Heat Exchanger; Model H108
- 4771 Sq ft CS Chart Fin Fan Heat Exchanger, Model H120
- 2838 Sq. Ft. 304L SS Chart Fin Fan Heat Exchanger, Model H120
- CO₂ Wash Column, 304SS, 20' dia x 27', 450 psi
- Fractionator Column, CS, 30" dia x 27'H, 478 psi
- Fractionator Column, CS, 18" dia x 33'H, 145 psi
- Fractionator Column, CS, 20" dia x 40'H, 129 psi;
- (4) 30,000 Gal Storage Tanks
- (2) 19,000 Gal Storage Tanks
- (2) 15,000 Gal Storage Tanks





#16013



#16000



#16007



#16015



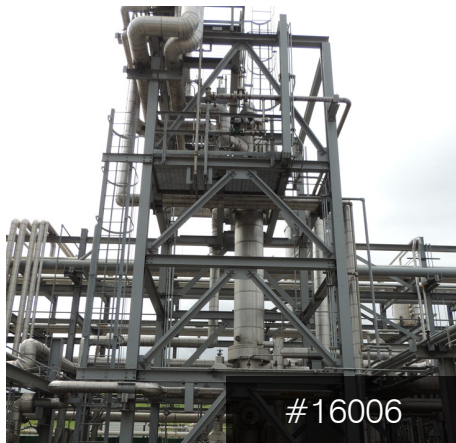
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