

## Hydrogen Gas Plant 80,000 scfh (Item PK-6009) rev 2

Hydro-Chem hydrogen gas plant. Capacity 1.9 MMSCFD (80,000 scfh or 2100 Nm<sup>3</sup>/hr). Built 2004, in operation until 2021. Was idled with nitrogen blanket on gas side until removed in 2021. Has 20-tube reformer (tubes 3.75"), 4 PSA units, waste heat export boiler. Design is SMR type (steam methane reforming). Complete plant including controls, plc HMI, programming, manuals, all "as built" drawings. Gaseous tanks in foreground not included. There is no catalyst or fill in the reformer tubes, shift converter, desulfurizer, or the PSA's. See flyer in links for equipment list. More photos and data available in the Virtual Data Room (VDR - ask for invitation)



**Terms:** All equipment is sold As Is Where Is, Subject to prior sale and availability. All quotes are in US Dollars unless specifically noted otherwise. Description of the equipment - especially those relating to capacity, size, or condition - are stated as clearly as possible for information to the buyer or observer. The descriptions and representations cannot be taken as accurate. The buyer has the sole responsibility to determine size, capacity, capability, suitability, condition, or any other attribute pertaining to the piece of equipment represented or purchased. The assets are sold "As Is", "Where Is" and "with all faults" and except as explicitly stated in the Contract for Purchase. All warranties, including, without limitation, the warranties of merchantability, quality, and fitness for a particular purpose are hereby expressly excluded. Seller makes no representations or warranties as to design, condition, capacity, performance, or any other aspect of the asset.



### Equipment List

- Compressor Spillback Cooler
- Feed Heater
- Hydrodesulfurizer
- Shift Converter
- ID Fan
- Economizer
- Shift Effluent Steam Generator
- Steam Drum
- Flue Gas Steam Generator
- Blow Down Drum
- Reformer Effluent Steam Generator
- Steam De-superheater
- Reformer
- Reformer Burner
- Burner Management System
- Reformer Upper and Lower Trombone Loops
- Eight (8) Reformer Catalyst Tubes with pigtails
- Hot Condensate Drum
- Boiler Feed water Exchanger
- Deaerator Exchangers
- Process Cooler
- Cold Condensate Drum
- Boiler Feed water Pumps (2)
- Deaerator
- PSA Vessels (4)
- PSA Valve Skid with Control Valves
- Vent Gas Drum
- Plant Skids with Junction Boxes attached
- Interconnecting Piping
- All safety devices employed with the plant
- All Valves, transmitter and other control systems
- All computer hardware and software
- PLC & Monitors
- Plant Programming System
- Complete set of "As Built" Drawings
- All Maintenance Records

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