


In progress

After

2 x 900 HP, 2-Stage Reciprocating Compressor Pkg 2 x 1050 HP, 3-Stage Reciprocating Compressor Pkg (Retrofit)

Compass Model No: EM900-RAT2-2 / EM1050-RAT4-3

Application: Sweet to sour conversion of four compressor units

Location: Northern Alberta

Objective: Sweet to sour conversion

- Project Scope:**
- Convert existing Long Single distance pieces to Short 2 compartment on the compressor frame
 - Change to purge packing and SS rods for each cylinder
 - Install purge packing system, seal pot, vacuum pump and sour waste pump assembly
 - Remove most process spools for replacement / modification / testing
 - Fabricate and install new process spools
 - Replace valves that do not meet NACE requirements
 - Refurbish PSV's for NACE compliance
 - Remove most vessels for replacement / modification / testing
 - Replace cooler gas section
 - Complete project in outdoor yard during Winter months.

Major Equipment Specifications

Compressor:

Ariel JGT/2 / Ariel JGT/4

Driver:

Teco-Westinghouse 900 HP Electric Motor
Hyundai 1050HP Electric Motor

Air Cooler:

AXH 96AEF-R
AXH 108AEF-R

Control Panel:

Spartan Controls Delta-V (for all units)