



## HP & LP Separators



**PROJECT:** GC 32 / New gathering centre for SEK

**CONTRACTOR:** Kuwait Oil Co.

**CLIENT:** Petrofac

**LOCATION:** Kuwait

**APPLICATION:** Oil, Gas and Water Separation

**PACKAGE:** HP & LP gas separators

**FLOW RATE:**

Oil Flow rate : 226,000 BOPD

Water Flow rate : 481,000 BWPD

Gas Flow Rate : 20.8 MMSCFD

**MATERIAL:** Inconel 625 clad Carbon Steel

**OUTLET GUARANTEE:**

Water in Liquid HC  $\geq$  100 micron Coalesced Water droplet

Water in Liquid HC  $\leq$  5% v/v Water in Oil

HC in Water 500 ppmw Oil in Water

Liquid Carryover in Gas  $<$  0.1 USgal/MMSCF

Removal efficiency of Liquid in Gas 98% removal of all liquid droplet  $>$  10 microns

“ The five separators are the heart of a gathering center receiving crude from various production operations, processing over 120,000 barrels of oil per day. It is an honor to be selected for such a large complex project. CECO Peerless is one of the few companies with the expertise and project management infrastructure necessary to successfully design, build, and deliver these separators on time and budget.”

