

# C106 | PP7 & PP8 Power Plant

## Fuel Gas Conditioning Plant



Project: PP7 & PP8 Power Plant  
Product: Fuel Gas Conditioning

Contractor: Hyundai Heavy Industries  
Location: Saudi Arabia

End User: SCECO (SEC)  
Year: 1999



### Application

Fuel gas conditioning system comprising: 600# carbon steel Inlet Emergency Shutdown & Knock-Out Drums, Water Bath Heater and Pressure Reduction Skids and Final Filter Coalescers with a separate Flare System and a condensate recovery system.

### Description

Working closely with HHI, OGS supplied the following equipment and were heavily involved in the site construction, installation and commissioning and final plant start up at two separate sites (PP7 & PP8) on the outskirts of Riyadh. The equipment supplied serviced a total of 52-turbines that were converted from liquid to dual use (liquid and gas).

Each plant typically consisted of 36" diameter inlet Emergency Shutdown Valves, duty and spare Knock-Out Drums for the removal of large particulates, skid mounted Water Bath Heaters, Pressure Reduction skids with duty & standby, active monitor pressure control valves and the final Filter Coalescers to remove any fine particulates. Each Plant was also supplied with a Flare System and a condensate recovery system. Designed and manufactured in accordance with Aramco specifications.