

# Gas Compression Reference List

## VC Packages, Aircooled



### **Blackwater Power Station – QLD, Australia**

- Client: Clarke Energy
- Compressor Type / Model: Rotary Sliding Vane, RoFlo model 7D
- Application: 2 x 100% Fuel Gas Boosting package for precombustion gas for GE Jenbacher gas engines coal bed methane fuel source
- Delivery 2010



### **Oaky Creek – QLD, Australia**

- Client: Clarke Energy
- Compressor Type / Model: Rotary Sliding Vane, RoFlo model 4CC
- Application: Fuel Gas Boosting & Gas Conditioning Package, for pre combustion gas for GE Jenbacher gas engines. Gas chilling, moisture removal / filtration and reheating, on coal seam gas
- Delivery 2009

## VC Packages, Watercooled



### **Fauji Cement – Pakistan**

- Client: Wärtsilä Finland Oy
- Compressor Type / Model: Rotary Sliding Vane, RoFlo model 19L
- Application: 1 x 100% Fuel Gas Booster Package for Wärtsilä gas engines. Split range control with VSD & 355kW 10 pole motor installed
- Delivery 2008



### **Swarup International & Siddhi Vinayak**

- Client: Wärtsilä Finland Oy
- Compressor Type / Model: Rotary Sliding Vane, RoFlo model 11S
- Application: 3 x 50% Fuel Gas Booster Package for Wärtsilä gas engines. Split range control with VSD & 150kW motors installed
- Delivery 2009

## RC Packages, aircooled



### Newman Power Station – WA, Australia

- Client: Leighton Contractors
- Compressor Type / Model: Reciprocating, GE HSR Model: DS502, single stage, 2 throw, 1200BHP frame
- Application: 1 x 100% Fuel Gas Booster for Rolls Royce Trent 60 power station. 400kW installed power. Aircooled aftercooler on skid
- Delivery 2009



### Kupe Production Station – Taranaki, New Zealand

- Client: Origin Energy (Technip)
- Compressor Type / Model: Reciprocating, GE HSR Model: FS602, single stage, 2 throw, 2400BHP frame
- Application: 2 x 100% Sales Gas Compressors each delivering 74,000 Nm<sup>3</sup>/h gas from the onshore Kupe production facility into the main pipeline. Packages included remote fin-fan aftercooler. Units are single stage, 1100kW 8P, 6.6kV drivers
- Delivery 2009

## RC Packages, watercooled



### Mondi Pulp & Paper Plant – Richards Bay, South Africa

- Client: Mondi Paper
- Compressor Type / Model: Reciprocating, GE HSR Model: DS502, single stage, 2 throw, 1200BHP frame
- Application: Fuel Gas Booster for GE LM2500+ sprint gas turbine power station. Unit is operated on VSD to give efficient control over suction pressure range
- Delivery 2006



### Ruby Field – Offshore Vietnam

- Client: DPS Bristol (Malaysia)
- Compressor Type / Model: Reciprocating, GE HSR Model: DS502, single stage, 2 throw, 1200BHP frame
- Application: 2 x 100% Flash Gas Compression skids for FPSO. Electric drive motors are VSD for capacity control. Installed offshore
- Delivery 2009



### Olowi Field – West Africa

- Client: Kanfa / Fred Olsen
- Compressor Type / Model: Reciprocating, GE HSR Model: FS606, 4 stage, 6 throw, 7200 BHP frame
- Application: 4 x 33% High Pressure Gas Lift / Reinjection compressors. GE FS606, 6 throw, 4 stage units each with 5.0MW, 6.6kV e-motors
- Delivery 2008