

Project Synopsis

Title : SCADA & Control System for Cluster Pumping Station (CPS) 1,2, 8 & 9 in Southern Iraq

Client : KBR / Southern Oil Company - Iraq

Brief Project Description

Kana Designed, Engineered, Supplied, & Commissioned, MODICON PLC based Controls for the 4nos. Cluster Pumping Station for Water Injection complete with SCADA System for each pumping station.

Monitored & Controlled Locations

Pumping Stations - 4 Nos

Equipment at Each Pumping Station Sites

1. Main Pump Control Panels - 3nos
2. Cooling Water Pump Control Panel – 1no.
3. Instrument Panels with Pressure Switch & Gauge - 4 Nos.
4. Flow Measurement Panels with Vibration Monitoring System from Bently Nevada - 1no.

Equipment at Each Control Room

1. Redundant Hot standby PLC Controls.
2. SCADA Workstation with printer
3. UPS System for Control System

Communication Medium

Modbus Plus Communication Network

Total No. of I/O's

Approx. 500 I/O's for each Pumping Station

Major Equipment

- PLC - MODICON from Schneider Electric - France
- I/O boards, Interface Cables, DC Power Supplies & Accessories - Phoenix Contact - Germany
- Pressure Switches - Georjin - France
- Pressure Gauges - Tecsis - Germany
- Flow Transmitter - Siemens Flow Div. - Denmark
- Vibration Monitoring System - Bently Nevada - USA
- SCADA System - PCVUE 32 from ARC Informatique - France
- UPS from Jovyatlas GmbH - Germany

The Project was Factory Tested & Delivered in Jan. 2004.



KANA CONTROLS

AUTOMATION SOLUTIONS

