

Project Synopsis

Title : Auto Ignition System for 9 KOC Heaters at Wafra

Client : Joint Operations (KOC & Saudi Arabian Texaco)

Brief Project Description

Kana Designed, Developed Supplied, Installed & Commissioned, Yokogawa DCS System based Controls for the Auto Ignition and Controls of 9 Heaters at MGC Wafra with Burners & all Field Instrumentation being used on Foundation Fieldbus Protocol.

Monitored & Controlled Locations	KOC Heaters - 9 Nos.
Equipment at Heater Sites	<ol style="list-style-type: none"> 1. Pressure & Temperature Transmitters. 2. Control Valves. 3. Solenoid Operated Valves. 4. Burners 5. Igniters, Ignition Controls, Flame Scanners & Amplifiers.
Equipment at Control Room	<ol style="list-style-type: none"> 1. Redundant Distributed Controls 2. Foundation Fieldbus Communication Network. 3. DCS Workstations
Communication Medium	Foundation Fieldbus Protocol based Communication Network
Total No. of I/O's	Approx. 500 I/O's

Major Equipment

- DCS - Yokogawa - Japan
- Field Transmitters (Pressure & Temperature) - Yokogawa - Japan
- Control Valves - Dresser - USA
- Igniters, Ignition & Flame Detection & Controls - Fireye Inc. - USA
- Burners - SAMIA - Italy

The Project was Commissioned & Handed Over in March 2001.



KANA CONTROLS

AUTOMATION SOLUTIONS

