

Project Synopsis

Title : KIMMCO Furnace II Automation

Client : Kuwait Insulating Materials Manufacturing Co. - Kuwait

Brief Project Description

Kana Engineered, Supplied, Installed & Commissioned, Distributed Control System for Kuwait Insulating Materials Manufacturing Company, Shuaiba Plant Hot end Process. The project involves complete Automation and Electrical Control Equipment for various stages of the plant and the Central Control Room.

Monitored & Controlled Locations	Hot End Process Area consisting of Batch Transfer Batch Chargers Furnace Fore hearth Fiberizing Binder Foaming & Utilities
Equipment at Each Area	<ol style="list-style-type: none"> 1. PLC Based Control Panels. 2. Electrical Panels with VFDs & Soft starters from 2KW to 110 KW motors. 3. Local Operator Terminals
Equipment at Control Room	<ol style="list-style-type: none"> 1. SCADA Workstations 2. UPS 3. Printers 4. Communication Equipment
Communication Medium	Ethernet Communication Network
Total No. of I/O's	Approx. 2000 I/O's

Major Equipment

- PLC - PREMIUM - Schneider Electric - France
- VFDs & Soft Starters - Danfoss - Denmark
- Electrical & Control Components - Schneider Electric - France
- DC Power Supplies & Interface Accessories - Phoenix Contact - Germany
- Control Transformers - Michael Riedel - Germany
- UPS - Jovyatlas - Germany
- SCADA - Wonderware - Intouch 8

The Project is under commissioning & Handing Over .



KANA CONTROLS

AUTOMATION SOLUTIONS

