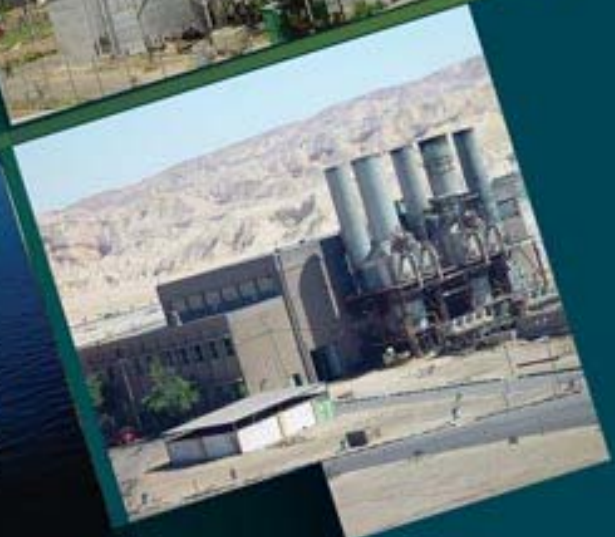
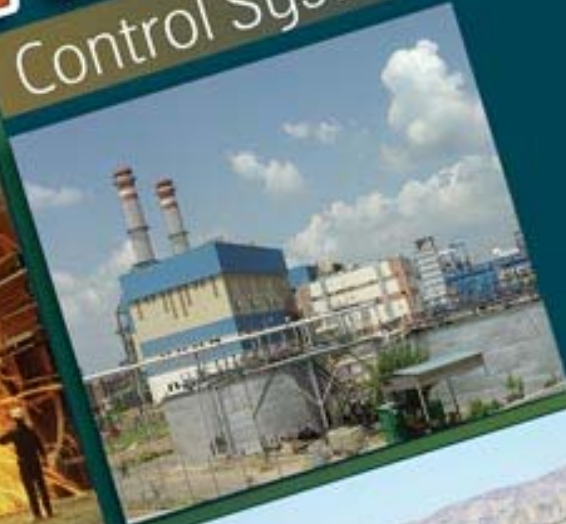


PEP ARAB

Control Systems



CONTROL
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References

1) Mechanical & Electrical Department

PLC System for west Nubaria channel (El-Nasr20 pumping station)

Scope : Manufacturing, Design, Engineering, Programming, Commissioning & Starting up PLC SYS.

2) Mechanical & Electrical Department

PLC System for AL ATIF3 P.S

Scope : Manufacturing, Design, Engineering, Programming, Commissioning & Starting up PLC SYS.

3) Mechanical & Electrical Department

PLC System for Al Busally P.S

Scope : Manufacturing, Design, Engineering, Programming, Commissioning & Starting up PLC system.

Ministry of irrigation



4) Mechanical & Electrical Department

PLC System for Deshudi Pumping Station

Scope : Manufacturing, Design, Engineering, Programming, Commissioning & Starting up PLC system.

5) Mechanical & Electrical Department

PLC System for Trawge Pumping Station

Scope : Manufacturing, Design, Engineering, Programming, Commissioning & Starting up PLC system.

Power Generation

1) Afghanistan Power Station

Contractor : American Co.

Scope : Manufacturing , Programming , Commissioning , Testing & Starting up DCS system for 20 MW power station.

2) Talkha Power station(750 MW)

Technology Supplier : WTD Company Italy)

Scope : Manufacturing ,Design , Engineering , Programming, Commissioning & Starting up DCS system for water treatment plant



3) Talkha Power Station Unit 1 (210 MW)

Technology Supplier: Skoda

Scope : Design , Engineering , Programming, Commissioning & Starting up Data acquisition & information system.

4) Kafr El Dawwar Power station Automatic Burners

Burner management system Technology Supplier: Skoda

Scope : Auto flaming , flame detection , safety sequence & Hardwire fail safe Cabin.

Process Automation

Chemical Industry

1) Kima Blast - Chemical Industry

Forma Uria Production)

Scope : Manufacturing, programming, testing, delivery, commissioning & Starting Up DCS system for controlling chemical process [Boilers, pumps, chemical reactors & cooling towers]

2) Cleopatra Group (Ceramica Cleopatra)

(Al-King Factory Water Pump Station 1

Main Contractor : HOMTECS (PEP ARAB System Integrator)

Scope : Design , programming, testing, delivery, commissioning & Starting Up of automatic control system



Mining Industry

1) SINAI MANGANESE COMPANY

Scope : Upgrade control system for Sinai Manganese factory in Abuznimafor Production of Ferroalloys.

At which all production stages (weighing of alloy contents, mixing, milling, melting at ovens and casting) are being done automatically.

Oil & Gas industry

- 1) **Cairo Oil Refinery - Mustorod**
Scope : Fire Alarm System for the refinery.



- 2) **Agiba Petroleum Company**
Scope : Design, Manufacturing, Engineering, Programming, Commissioning & Starting up SCADA System for off shore platform connected with on shore through redundant radio system.

Building Management System

- 1) **Ministry of Finance - Central Building for Taxes, VAT & Castumduty - Nasr City - 10 Region**
Technology Supplier: Flash Trading & Contracting
Scope : Control of (AHU , Fan Coils , Chillers , Cooling towers , ... etc) and information system
- 2) **Zahran mall center - Smuha , Alexandria**
Technology Supplier: Flash Trading & Contracting Co.
Scope : Control of AHU , Fan Coils , Chillers , Cooling towers , ... etc) and information system. Calculating monthly power consumption for each commercial unit
- 3) **Roshdy mall center**
Technology Supplier: Flash Trading & Contracting Co.
Scope : Control of AHU , Fan Coils , Chillers , Cooling towers , ... etc) and information system. Calculating monthly power consumption for each commercial unit.

Fire Fighting System

Talkha Power station (750 MW)

Technology Supplier: WTD Company (Italy)
Scope : Supply Fire Fighting System.

AIRPORTS

Built up Conveyors At Airport

Sharja Air Port conveyor luggage distribution

Scope : Control and information system for built up conveyor responsible for distributing luggage according to each passenger fly, tracking bag rut and detecting conveyor jamming.

Universities

- 1) **Mansoura university - Faculty of engineering.**
Scope : Supply DCS System for labs.
- 2) **Menofia university - Faculty of Electronic engineering.**
Scope : Supply DCS System for labs.

IT Business

- 1) **E-commercial Applications.**
- 2) **IT Applications.**





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