

Holds a B. Sc. in Electronics & Automatic Control Engineering and has over 9 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/08/1984
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electronics & Automatic Control Engineering, Menoufia University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

: Training course with C.M.I. Co. in Belgium about heat recovery steam generation boiler (HRSG boiler).
: PLC course at El-Kureimat Power Station Training Center.
: HMI MARK V & VI training.
: El-Minia Radio & TV.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2014 till now
Employer : Upper Egypt Electrical Production Company
Project : El-Kureimat Power Station (2x627MW):

- 2 Steam Turbines, 627MW each (GE), control system is MARK V.
- 2 Conventional Boilers, 36 Burners (BABCOCK WILCOX – Canada), controlled via WESTINGHOUSE DCS (WDPF-Emerson).
- Water Treatment Plant controlled via PLC.

Job title : Instrument & Control Engineer

Job Description :

- Distributed control system (DCS) installation, power supplies, data highway, Ethernet, I/O cards checking and troubleshooting from the field up to the WDPF SYSTEM.
- All pneumatic control & on/off valves and dampers (Bialy, Fisher & Siemens) calibration, testing & maintenance.
- All boiler field instruments tests, calibration, loop checks & maintenance.
- Flame scanner control system.
- Flue gas analyzers calibration, testing & maintenance.
- Diagnostic check trouble shooting and maintenance of instrumentation and control equipment in power plant. Through control loops and ladders, field instruments and control actuators, calibration and maintenance.
- Troubleshooting & maintenance all equipment for WDPF system (DCS).
- Flow-Level-Pressure-Temp (Transmitters, Switches, Indicators).
- Thermocouples, RTD devices.
- Adjustment and check turbine vibration detectors and make configuration for turbine supervisory instrument (Bentley Nevada).

Dates : From May 2014 till Aug. 2014

Employer : Samsung C&T in Saudi Arabia

Project : Qurayyah Independent Power Plant (QIPP)
(4,000MW Combined Cycle Gas-fired IPP at Qurayyah), 12 Gas turbines
Siemens 5000F controlled with SPPA-T3000 control system

Job title : I&C Commissioning Engineer

Dates : From Mar. 2007 till May 2014

Employer : Upper Egypt Electrical Production Company

Project : El-Kureimat Power Station (2x627MW):

- 2 Steam Turbines, 627MW each (GE), control system is MARK V.
- 2 Conventional Boilers, 36 Burners (BABCOCK WILCOX – Canada), controlled via WESTINGHOUSE DCS (WDPF-Emerson).
- Water Treatment Plant controlled via PLC.

Job title : Instrument & Control Engineer

Job Description :

- Distributed control system (DCS) installation, power supplies, data highway, Ethernet, I/O cards checking and troubleshooting from the field up to the WDPF SYSTEM.
- All pneumatic control & on/off valves and dampers (Bialy, Fisher & Siemens) calibration, testing & maintenance.
- All boiler field instruments tests, calibration, loop checks & maintenance.
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- Troubleshooting & maintenance all equipment for WDPF system (DCS).
- Flow-Level-Pressure-Temp (Transmitters, Switches, Indicators).
- Thermocouples, RTD devices.

- Adjustment and check turbine vibration detectors and make configuration for turbine supervisory instrument (Bentley Nevada).

Dates : From Aug. 2006 till Feb. 2007
Employer : Tabouk Engineering & Commercial Agencies Co.
Project : Sales Engineer