

Holds a B. Sc. in Electronics Engineering and has about 14 years' experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/03/1988
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electronics Engineering, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Power Station (3 weeks).
: PLC advanced course.
: PLC course of PLC GE FANUC LM 90-70.
: RSVIEW32 course.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2010 till now
Employer : EEA
Project : El-Kureimat Power Station:

- 2 Steam Turbines, 650MW each (GE), Control system is MARK V.
- 2 Conventional Boilers, 36 Burners (BABCOCK WILCOX – Canada).
- Water treatment plant, Control system is PLC GE FANUC LM 90-70.
- The plant is controlled via WESTINGHOUSE DCS (WDPF) control system.

Job title : I&C Engineer

- Job Description** :
- Investigate and analyze the Defects and Trip causes during normal operation.
 - Attending the training related to the different systems for I&C maintenance team.
 - Arrange Lists of the Spare Parts Needed.
 - Routine, Preventive and Corrective Maintenance for Different Systems.
 - Understand the procedures for hardware configuration, software configuration, installing, download, upload that related by this plc:
 - PLC GE FANUC LM 90-70.
 - PLC GE FANUC LM 90-30.
 - Allen Bradley PLC 5: EX. 5/20, 5/30, 5/15.
 - Allen Bradley SLC500: EX. 5/01, 5/02, 5/04.
 - SIEMENS PLC S5: EX. TI505.
 - SIEMENS PLC S7: EX. S7-200, S7-30.
 - Understand the programs of SCADA system:
 - Allen Bradley RS VIEW 32.
 - Wonderware intouch.
 - GE Cimplicity.
 - GE TURBINE CONTROL SYSTEM (MARK V CONTROL) for turbine instruments installation, Test, Calibration & Maintenance for all Field Instruments on the following systems:
 - Lube oil system.
 - Hydrogen plant.
 - Stator cooling system.
 - Hydraulic oil system.
 - H2 seal oil system.
 - Bypass system.
 - Steam seal & Gland steam condenser systems.
 - Oil purifier & Oil conditioner systems.
 - Maintenance Engineer for FIRE FIGHTING System (Water SYS / SPRINKLER SYS / pre-action oam sys / FM 200).
 - Troubleshooting and Maintenance for all components in control panel such as Relay contactor, timer, switches, display and electronic card.
 - Loop Check, Test, Calibration and Maintenance and arrange the Calibration Sheets for:
 - Transmitters and switches such as:
 - Flow transmitters, level transmitters, Pressure transmitters.
 - Differential pressure transmitters, temperature transmitters.
 - Temperature switches, level switches, pressure switches.
 - Analysis instruments such as:
 - PH analyzer, turbidity analyzer, sodium analyzer.
 - Silica analyzer, dissolved oxygen analyzer, conductivity analyzer.
 - Control Valves such as:
 - Motorized valve, Pneumatic valves.
 - Troubleshooting and Maintenance for Measuring Instruments and Control Systems for all HVAC equipments such as:
 - Evaporative Air coolers.
 - Chilled water sys. (Chillers, air handling units & pumps).
 - Direct expansion Package units, Split & window units.

Dates : From Oct. 2009 till Oct. 2010
Project : Network Maintenance at Helwan University
Job title : I&C Maintenance Engineer