

Holds a B. Sc. in Electrical Power Engineering and has more than 8 years hands-on experience working as I&C Engineer at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/02/1988
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Electrical Power Engineering, El-Shorouk Academy, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: EKTS (Electrical Simulation Program)
: MS Project 2007

TRAINING COURSES AND CERTIFICATIONS

: ABB training course on 800XA system (Maintenance) in Genova - Italy, for one month.
: 1 month on-shore training for system1 vibration analysis system for GE3500.
: Training course of BMS System (Yokogawa Centum vp) on site.
: Training course for Continuous Emission Monitoring System (CEMS) by EROOM Technology Co. on site.
: Supercritical Thermal Power Plant operation & maintenance on site.
: Operation & Maintenance Training of Burners by Hamworthy Combustion Training Institute.
: Training course for commissioning and performance test by DOOSAN Co. on site.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2011 till now
- Project** : El Ain Sokhna Supercritical Thermal Power Plant Project Units 1 & 2 (2x650MW Gas/Oil Fired Units)
(Two units (2x650MW) using Different Control Systems, ABB (800XA) for Common DCS, HITACHI HIACS 7000 turbine control system, YOKOGAWA (CENTEM VP) for Boiler Management System (BMS))
- Job title** : I&C Engineer
- Job Description** :
- Calibration, Installation, instrumentation tests, loop tests, function tests, commissioning and start-up the power plant.
 - Excellent in HITACHI HIACS 7000 control logics (software backup, troubleshooting & modification).
 - Initialize and employ PLC & DCS (modification, troubleshooting & software backups).
 - Boiler & turbine instruments Calibration Tests (Accuracy, Repeatability, Hysteresis, Linearity, Resolution & Response).
 - Boiler & turbine Loop test for I/O signals through Foundation Field Bus, HART Protocol and Communication networks (Mode Bus & OPC).
 - Boiler & turbine Sequence test check.
 - Hot & Cold Commissioning for all Equipment.
 - Review Logic Sequence & SAMA Diagrams for project.
 - Review Piping & Instrument Drawings (P&ID) before installation.
 - Witness the installation of the control cabinets and connect its terminals.
 - Test and operate PABX communication system.
 - Boiler Equipment Corrective Maintenance for all including Valves, Transmitters, Switches, Flame Scanner.
- Dates** : From Feb. 2010 till Aug. 2010
- Project** : Ayoun Moussa Power Station (contains two units (2x320MW))
(Electricity Production Thermal Power Station using DCS system)
- Job title** : I&C Engineer
- Job Description** : I&C Maintenance Engineer using "DCS" for monitoring, managing and control the field.