

Holds a B. Sc. in Industrial Electronic & Control Engineering and has about 12 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/04/1979
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Industrial Electronic & Control Engineering, Menoufia University, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Off-shore training courses (in Egypt):
 - Basic course of the operation and maintenance of Steam Power Stations in El-Kureimat.
 - Basic course of the operation and maintenance of Combined Cycle Power Plant in Nubaria Power Station 2x750MW Combined Cycle SIEMENS gas turbine V94.3A.
 - PLC course of PLC GE FANUC LM 90-70.
 - RSVIEW32 course.
- : I&C Maintenance training for Siemens gas turbine 2x250MW TELEPERM XP DCS Control System, SIEMENS AB, Karlsruhe – Germany (Aug. 2006).
- : I&C Maintenance training for GE gas turbine 4x80MW (MARK VI) GE Control System, Combined Group Company (CGC), Sabiya – Kuwait (Mar./Apr. 2011).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2013 till now
- Project** : AZ ZOUR Combined Cycle Project CCGT-2 (1300MW) – Kuwait
- Job title** : I&C Commissioning & Maintenance Engineer
- Job Description** :
- 5 Gas Turbines 180MW (ALSTOM).
 - 5 Heat Recovery Steam Generations.
 - 2 Steam Turbines 180MW (ALSTOM).
 - Control System is (ALSPA) DCS by ABB.
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- Dates** : From Sep. 2011 till Jul. 2013
- Project** : SABIYA Distillation Plant – Kuwait:
- 8 identical, 12.5 MIGD each, Multi-stage flash (MSF) Desalination units
 - Seawater Intake and Electro-chlorination Plant
 - Re-carbonation System
 - Main Control System is Siemens DCS (T2000)
- Job title** : I&C Maintenance Engineer
- Job Description** :
- Investigate and analyze the defects and trip causes during normal operation.
 - Routine, Preventive and Corrective Maintenance for different systems.
 - Maintenance and troubleshooting for any problem occurred in the field instrumentation like Flow, Level, Pressure, Temp (Transmitters, Switches and Indicators) and Vibration, Speed, Thermocouples, RTD Devices.
 - Good experience in Siemens control system (T2000); Engineering System (ES), Operating Terminal (OT), making Backup/Restore process for all system computers.
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- Dates** : From Sep. 2009 till Sep. 2011
- Project** : El-Sabiya Combined Cycle (2000MW) – KUWAIT:
- 6 Gas Turbines Frame MS9001FA 225MW (GE)
 - 6 Heat Recovery Steam Generators (GE)
 - 3 Steam Turbines 250MW (GE)
 - Control System is Mark VIe (GE)
- Job title** : I&C Commissioning & Start-up Engineer
- Job Description** :
- Erection supervising and reporting about the erection schedule.
 - Preparation of punch list according to contract specification.
 - Reviewing the AS BUILT drawings for the Gas Turbines Control System.
 - Supervise the installation and commissioning of Mark VIe control for GE gas turbine units.
 - Setup ToolboxST program software on HMI to connect with Mark VI control system.
 - Working with toolbox program software to trace any signal operated by Mark VIe control system.
 - Supervise loop check and function test for all instrument devices (RTD, thermocouples, transmitters, switches, flow meters, etc.) with Mark VIe control.
 - Supervise the installation of temperature transmitters (thermocouple, RTD).

- Supervise the installation and adjustment of vibration monitoring systems for large motor derived pumps and steam turbines which consists of proximity transmitters, switches, vibration, expansion and displacement transmitters.
- Supervise the installation and calibration of pressure, temperature, level transmitters and switches.
- Supervise the installation and adjustment of vibration sensors (seismic and proximities) for measuring case vibration and shaft vibration for turbine and generator and also shaft (axial) displacement of rotor.
- Supervise the installation and commissioning the various types of motorized, pneumatic and hydraulic control valves.

Dates : From Apr. 2003 till Sep. 2009

Project : El-Kureimat I Power Station (2x650MW):

- 2 Steam Turbines 650MW (GE), control system is Mark V (GE)
- 2 Conventional Boilers, 36 Burner (Babcock & Wilcox – Canada)
- Water Treatment and Waste Water Plant (BAMAG)
- The plant is controlled via WESTINGHOUSE DCS (WDPF) Control Sys.

Job title : I&C Maintenance Engineer

Job Description :

- Calibration and maintenance of various types of control actuators e.g. hydraulic, pneumatic and motorized control valves.
- Boiler field instruments test, calibration, loop checks and maintenance.
- Diagnostic troubleshooting and maintenance of instrumentation and control equipment in power plant through control loops and ladders.
- Maintenance of the field installed device and troubleshooting for any problem occurred in the field instrumentation like Flow, Level, Pressure, Temp (transmitters, switches and indicators) and Vibration, Speed, Thermocouples, RTD devices.
- Understand the procedures for hardware configuration, software configuration, download, upload that related for the PLC (GE FANUC – Allen Bradley – SIEMENS) and SCADA system.
- Investigate and analyze the defects and trip causes during normal operation.
- Routine, preventive and corrective maintenance for different systems.

Field of experience :

- Commissioning:
 - Reviewing of project documents "I&C drawings" for approval and make comments (if required) as per Project Contract Specification.
 - Erection supervising and reporting about the erection Schedule.
 - Reviewing the "AS BULIT" drawings and Preparation of punch list according to Contract Specification.
 - Sharing in the commissioning activities (Loop checks, Functional test and Systems start-up).
- Maintenance:
 - Routine, Preventive and Corrective Maintenance for different Systems.
 - Investigate and analyses the Defects and Trip causes during normal operation.
 - Maintenance and troubleshooting for any problem occurred in the field instrumentation like Flow, Level, Pressure, Temp (Transmitters, Switches, and Indicators) and Vibration, Speed,

Thermocouples, RTD Devices.

- Maintenance and troubleshooting for analyzers in demin. plant, chlorination system s ampling system and CEMS.
- Calibration and maintenance of varies types of control Actuators e.g. Hydraulic, Pneumatic and Motorized Control valves.
- Experience in DCS control systems ABB Advant, GE Mark VI / Vie, Alstom Alspa systems.
- Experience in PLC Systems PLC (GE FANUC - Allen Bradley - SIEMENS).
- Experience in computer based maintenance management systems (maximo, EMPEC, COSUIN).