

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/08/1986
Gender : Male
Marital Status : Married
Residence : Assiut

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Modern Academy for Engineering and Technology, Cairo, 2008

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: MatLab, OrCAD, VHDL and assembly code
: LINUX and UNIX operating systems
: C++ and Java

TRAINING COURSES AND CERTIFICATIONS

: SIEMENS SPPA-T3000 Administration (SIEMENS POWER ACADEMY, Karlsruhe, Germany – 2016).
: SIEMENS SPPA-T3000 Engineering, Maintenance & Service (SIEMENS POWER ACADEMY, Karlsruhe, Germany – 2016).
: Electrical and Industrial Safety for Engineers (UEEPC – 2013).
: SIEMENS SIMATIC Step7 PLC Customized Training (MAS – 2011).
: Rockwell Allen-Bradley Logix 5000 Fundamentals, Maintenance and Troubleshooting (EL SWEDY Automation – 2011).
: ALSTOM ALSPA P320 DCS Maintenance (ALSTOM – 2010).
: ALSTOM ALSPA P320 TGC Maintenance (ALSTOM – 2010).
: CMI HRSG operation and maintenance (CMI – 2009).
: ERICSSON MX-ONE PBX TELEPHONY SYSTEM (ERICSSON – 2009).

- : Power Plants Operation and Maintenance (UEEPC – 2007).
- : Optical Fiber Systems (Egypt Telecom – 2007).
- : Xilinx FPGA chips using and programming (ICT – 2006).
- : Computer and microelectronic cards maintenance (EBA – 2005).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2017 till now
- Employer** : SIEMENS Power Generation
- Project** : Beni Suef Combined Cycle 4800MW Power Plant
- Job title** : HRSG I&C Commissioning Engineer
- Job Description** :
- Plan and carry out the work in accordance with the program / schedule, execution plans, commissioning procedures, method statements and work packs for the instrumentation scope of work.
 - Carry out signal Checks, Verification and Functionality from the device to T3000 Control System.
 - Work in conjunction with the field Instrumentation Team to accurately complete the instrument check outs, instrument calibrations, valve set up, calibrations and stroke testing, system function testing, troubleshooting /rectification and punch list clearing to ensure the HRSG is ready for commissioning and start-up within the time constraints of the commissioning program.
 - Complete and provide all testing and verification documents to the TOP Teams to support the handover process.
 - Provide "As Built" Logic diagrams, Red line drawings and documentation for any changes or modifications.
 - Provide detailed information to the commissioning manager for the preparation of the required Daily and weekly Project Reports.
 - Ensuring that all commissioning activities are completed in accordance with the Project Health, Safety, Security and Environmental requirements.
 - Other duties as assigned by the commissioning manager.

- Dates** : From Jul. 2017 till Oct. 2017
- Employer** : SIEMENS Power Generation
- Project** : EI-Burullus Combined Cycle 4800MW Power Plant
- Job title** : I&C Warranty & Maintenance Engineer
- Job Description** :
- Troubleshooting, Breakdown, Corrective, Routine and Preventative Maintenance for Siemens 8000 H Turbines and BOP.
 - Carry out walk downs with the owner for warranty claims and punch lists to solve and close it.
 - Plan and carry out the work in accordance with the maintenance program / schedule, execution plans, method statements and work packs for the instrumentation scope of work.
 - Carry out the works by system, as directed by the I&C Lead, to meet the maintenance schedule and sequence.
 - Train others in proper, effective use, maintenance, and troubleshooting of systems and networks.
 - Complete and provide all testing and verification documents to the TOP

- Teams to support the handover process.
- Provide detailed information to the Warranty Lead for the preparation of the required Daily and weekly warranty and maintenance Reports.
- Ensuring that all maintenance activities are completed in accordance with the Project Health, Safety, Security and Environmental requirements.
- Other duties as assigned by the Warranty Lead.

Dates : From Dec. 2016 till Jan. 2017

Employer : SIEMENS Power Generation

Project : New Capital Combined Cycle 4800MW Power Station

Job title : I&C Commissioning Engineer

Job Description :

- Plan and carry out the work in accordance with the program / schedule, execution plans, commissioning procedures, method statements and work packs for the instrumentation scope of work.
- Carry out Instrumentation Checks, Verification and Functionality from the device to the DCS and/or Turbine Control System (TCS).
- Work in conjunction with the DCS Team to accurately complete the instrument check outs, instrument calibrations, valve set up, calibrations and stroke testing, system function testing, troubleshooting /rectification and punch list clearing to ensure the instrumentation is ready for commissioning and start-up within the time constraints of the commissioning program.
- Carry out the works by system, as directed by the I&C Lead, to meet the commissioning schedule and sequence.
- Train others in proper, effective use, maintenance, and troubleshooting of systems and networks
- Complete and provide all testing and verification documents to the TOP Teams to support the handover process.
- Provide "As Built" red line drawings and documentation for any changes or modifications.
- Provide detailed information to the I&C Lead for the preparation of the required Daily and weekly Project Reports.
- Ensuring that all commissioning activities are completed in accordance with the Project Health, Safety, Security and Environmental requirements.
- Other duties as assigned by the I&C Lead.

Dates : From Nov. 2010 till Jun. 2017

Employer : Upper Egypt Electricity Production Company (UEEPC)

Project : El-Kureimat II Combined Cycle 750MW Power Station

Job title : Lead I&C Maintenance Engineer

Job Description :

- SIEMENS Gas Turbine:
 - I&C Lead Engineer for Inspection Programs (Minor, HGPI and Major Inspections), SPPA-T300 System Administrator, Troubleshooting, Breakdown, Corrective, Routine and Preventative Maintenance for Gas Turbines with the following systems:
 - SIEMENS Gas Turbines SGT5-4000F (V 94.3A) with SIEMENS SPPA-T3000 DCS for Turbines and BOP Control.
 - Working with Marathon dr Server MX Application Server.

- Working with SIEMENS S7 400 Automation Server includes FM458 for Turbine Governor Control, 417FH Fail-Safe System and Standard S7 400 for BOP Control.
- Was working (before upgrade) with SIEMENS SPPA-T2000 (TXP) using AS 620 automation system includes the APT SYMADIN-D Turbine Governor Control System and Siemens APF S5-95F for Fail-Safe System.
- MiniMax Fire Detection and Fighting System.
- GE Gas Turbines:
 - Troubleshooting, Breakdown, Corrective, Routine and Preventative Maintenance for Gas Turbines with the following systems:
 - GE Gas Turbines frame 9FA with MARK VI and Upgraded to MARK VIe Turbine Control.
 - Turbine Supervisory Instruments (TSI) Bentley Nevada 3500 Module.
 - SIEMENS S7 400 PLC with WIN CC HMI for BOP control.
- HITACHI (MHC) Steam Turbine:
 - Troubleshooting, Breakdown, Corrective, Routine, Preventative Maintenance and Inspection Programs for Steam Turbine with the following systems:
 - GE MARK VI Turbine Control.
 - Emerson Ovation Overall DCS.
 - Turbine Supervisory Instruments (TSI) Bentley Nevada 3500 Module.
 - Local Control PLC with Rockwell Allen-Bradley Logix 500.

Dates : From Oct. 2013 till Dec. 2013

Employer : ISCOA Training Center (SIEMENS Company), Damam – Saudi Arabia

Job title : I&C Instructor

Job Description :

- Preparing, Instructing and Teaching Instrumentation and Control Courses for Engineers and Technicians Employees from Several Industrial Companies in the Gulf Countries.
- Courses:
 - Siemens S7 PLC.
 - Siemens SPPA-T2000 Control System.
 - GE MARK VI Turbine Control.
 - Instrument Maintenance and Repair.
 - Condition Based Monitoring and Maintenance.
 - Bentley Nevada 3500 Vibration Monitoring System.
 - Control and Process Design.
 - AC Motors.

Dates : From Jan. 2009 till Nov. 2010

Employer : Upper Egypt Electricity Production Company (UEEPC)

Project : El-Kureimat III Combined Cycle 750MW Power Station

Job title : I&C Engineer (Construction & Commissioning Engineer)

Job Description : Construction and Commissioning for ALSTOM Steam Turbine with the following systems:

- ALSTOM (ALSPA P320) Turbine Generator Control System (TGC) V2+ Interfacing between the TGC System and the Overall DCS.
- Turbine Supervisory Instruments (TSI) Included (Bearing Vibration with

Bentley Nevada 3500 Module, Speed Measurements, ABS Expansion, Differential Expansion and Bearing Temperatures).

- Local Control PLC with Rockwell Allen-Bradley Logix 500 and SIEMENS SIMATIC S7.

Telecommunications / Communication Systems Skills:

- Knowledge in GSM, CDMA, WiMax systems.
- Practical knowledge in Optical Fiber Systems.
- Practical knowledge in TCP/IP and its applications in industrial control.