

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience, including 8 years working as I&C Engineer at Al-Shabab Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/08/1987
Gender : Male

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : DCS ABB (S+), ITALY H.O. (Jul. 2017).
- : Steam turbine MAINTENANCE, Ansaldo H.O. (Genova, Italy) (Oct./Nov. 2017).
- : Customized Electric Actuator Service Training, Biffi Italia S.r.l. (Nov. 2017).
- : RAISTEAM GGC VALVES and related Maintenance, PENTAIR ITALIA (Nov. 2016).
- : Total Quality Management, Al-Shabab Power Plant (Dec. 2014).
- : IBM Maximo Assets Management (Spare Parts Management program), Intercom Co. (Sep. 2011).
- : GE Frame 9E Turbine (Mark V) Operating and Maintenance, Cairo South Power Plant (Jun. 2011).
- : GE Mark VIE Maintenance, Al-Shabab Power Plant (May 2011).
- : GE Frame 9E Turbine Operating & Maintenance, Al-Shabab Power Plant (Apr. 2011).
- : Electrical Power Produced & Transmitted & DCS, Abu Sultan Station (from Jun. till Aug. 2008).
- : Digital Logic Circuit Analysis, Design & PLC, Arab Contractors (from Jun. till Aug. 2006).
- : Electrical Power Distribute Stages, TCTC (from Jun. till Aug. 2005).

- : Information Technology & Electronics Lab, TCTC (from Jun. till Aug. 2004).
- : Hydrogen plant (O&M) proton on the site.
- : Bentley Nevada for vibration system.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2011 till now
- Project** : AL-SHABAB POWER PLANT 1500MW
 The project is adding 8 HRSG for 8 gas turbines connecting with two steam turbines. Gas turbine is Ge frame 9 E controlled by MK VIe. Steam turbine is Ansaldo Energia turbine controlled by ABB S+. The main DCS is Foxboro.
- Job title** : I&C Engineer
- Job Description** :
- Manage the contract package of the CP 106 & 118 for (I&C).
 - Participate in hot gas and major maintenance in gas turbine GE frame 9E.
 - Develop, implement and review contracts, make sure that best practices are applied on any given project, and to make all the Revisions available to all the parties involved in the project.
 - Worked Closely with the contractor though the MK VIe Installation & Download, cold & hot loop check, power up the system, system tuning, alarm tracing.
 - Upgrading the GE gas turbine frame 9E from Stander to DLN-1 plus maintained cross-wiring details between new instrumentations, valves and LVDTs to marshaling racks and Mark VIE control cards and downloading the new project and check cards diagnostics and solve it, adjust the splitting value to achieve the requirements for the environmental emissions.
 - Develop the I&C team on the gas turbine control system / MK VIe system (HMIs installation, project modifying & downloading, servo calibration, system tuning, alarm tracing, Backup and recovery ...).
 - Project Management (Installation, Commissioning, start-up, FAT and SAT) for the DCS (ABB s+) and turbine (Ansaldo) in the Combined Cycle Project phase.
 - Study the upgrading for the GT control system MK VIe to be compatible with the combined cycle with upgrading the project though the temperature matching and the HRSG purge ...etc.
 - Review and study all the technical design issues for approve.
 - Project management within cost and time constrained environments understanding and ensuring compliance with relevant EHS regulations and quality standards purchasing equipment.
 - Provide day to day follow up for the engineers & technicians for all C&I related maintenance activities to maintain an optimal availability rate for all the plant control systems.
 - Capable of preparing the inquiries with proper technical Specifications as per the tender and understanding of quotations with respect to contractual requirement.
 - Driving maintenance strategies, procedures, methods and providing the required calibrations and maintenance tools and spare parts
 - Make commissioning of individual system work on (Allen Bradley - Siemens s7 (s300-s315-s200-1200) - wincc - factory talk).

Dates : From Dec. 2018 till May 2019
Employer : Hassan Allam Construction Company
Project : Phosphatic Compound Ain Sokhna Project
Job Description :

- Commissioning and start-up of two sulphuric acid plants with 1900 MTPD capacity each, complete with sulphur melting and treatment unit and heat recovery system, integrated with co-generation based on a multi-stage high efficiency condensing steam turbine.
- Commissioning and start-up of one granulated DAP plant with production capacity of 1200 MTPD using phosphoric acid 52% P2O5 and pipe reactor technology, and one granulated triple super phosphate plant with production capacity of 750 MTPD.

Dates : From Aug. 2010 till Aug. 2011
Project : Abu Sultan Power Station
Job title : Control Room Scada Monitor Engineer
Job Description : Worked as DCS Operator as a member of shift team during normal operation, start-up and troubleshooting to keep production units and all associated equipment's running at maximum productivity and minimum down time resulting in cost effective and safe operations.

Field of experience :

- Over 9 years of experience in I&C as MK VIe Commissioning Engineer responsible for Gas Turbine and Steam Turbine Commissioning/Start-up with MK VIe DCS Controls Commissioning for simple cycle and combined cycle modes.
- Driving the I&C scope in Gas Turbines upgrade (Mark VIe) from SC to CC, HRSG, DCS and Interfacing between existing and new systems.
- Participating in tenders/contracts for DCS, HRSG and turbines control systems scope.
- Developing Control-system solutions for the power plant, through studying operation needs, system processes, investigating and troubleshooting problem areas, and following up the software development lifecycle.
- Participate in huge oil and gas project (WIND) as Instrument Commissioning Engineer.
- British Petroleum's joint venture Pharaonic Petroleum Company Atoll sites in North Damietta Project.
- Technical Skills:
 - GE Turbine Mark Vie Toolbox.
 - GE Turbine Graphic Design program (Cim Viewer).
 - Yokogawa DCS Centum VP.
 - ABB S+.