

Holds a B. Sc. in Automatic Control & Industrial Electronics and has over 10 years hands-on experience working mainly as I&C Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/09/1986
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Automatic Control & Industrial Electronics, Banha University, 2008

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : OFF SHORE: One month training on Yokogawa DCS system (CENTUM VP Fundamental, Engineering, Maintenance and start-up training) in Yokogawa Middle East & Africa Training Center in BAHRAIN.
- : ON SHORE: Bentley Nevada 3500 vibration monitoring system from General Electric Company (GE).
- : ON SHORE: Instrument and control training course in instruments installation and maintenance, BOILER CONTROL AND BMS (HIACS 7000M) (for one month).
- : ON SHORE: Firefighting systems maintenance by Initec Energia.
- : CMMS, Computerised Maintenance Management System, to schedule, Monitor and follow-up of PMs, CMs, Sch.M. with Staff management and Store Control.
- : Siemens, Step-7 PLC Control and monitoring system software and hardware.
- : English course and studying IELTS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2019 till now
Employer : Orascom Construction
Project : Ras Ghareb Wind Farm (262.5MW) Siemens Gamesa WTGs "G 97"
Job title : Substation Operation Engineer
Job Description :

- Performing switching operations in accordance with standard operating procedures.
- Maintain daily operating log on all operations, both routine and emergency.
- Record hourly readings of indicating and integrating meters.
- Acting independently during an emergency by performing duties in rapid succession involving switching, adjusting load and/or voltage, or extinguishing fires.
- Performing energizing and de-energizing programs after coordination with the energy national dispatch center.

Dates : From Dec. 2017 till Mar. 2019
Employer : Orascom Construction
Project : West Damietta Combined Cycle Add-On Power Plant 1x250MW steam turbine (GE) 4 HRSG's (Doosan)
Job title : Senior Instrumentation Installation & Commissioning Engineer
Job Description : Mostly involved in I&C construction and Commissioning.

Dates : From Nov. 2015 till Nov. 2017
Employer : Cairo Electricity Production Company (CEPC)
Project : 6 October P.P. (8x150) gas turbines (by Ansaldo)
Job title : I&C Maintenance Engineer

Dates : From Jan. 2011 till Nov. 2015
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West P.P. (2x350MW) oil/gas (Mitsubishi/Hitachi) Steam Power Plant
Job title : I&C Maintenance Engineer

Dates : From Sep. 2009 till Jan. 2011
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West P.P. New Project 2x350MW (Mitsubishi/Hitachi) Steam Power Plant, including Steam turbines (by Mitsubishi), Boilers and BMS "HIACS7000M" (by Hitachi), Water treatment system (by Metito) and Plant Auxiliaries (Electrical and Mechanical installations by Initec), DCS Control System (centum CS3000) (by Yokogawa)
Job title : I&C Maintenance Engineer

Dates : From Feb. 2009 till Sep. 2009
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West P.P. (2x330MW) oil/gas (Siemens/Hitachi) Steam Power Plant

Job title : Power Plant Shift Operation Engineer

CAIRO WEST PROJECT RESPONSIBILITIES "ESPECIALLY IN BOILER":

- Review all submittals from the contractors and the subcontractors.
- Follow up installation progress and check all activities at site according to engineering drawings.
- Check all received materials on site to ensure their correct manufacturing, model, type and Contract Correspondence.
- Prepare and keep the documentation of the daily progress report.
- Testing and Calibration of all field instruments pre and post installation including Loop check with YOKOGAWA DCS Control System:
 - Field transmitters (Siemens & Yokogawa).
 - Temperature sensors.
 - Vibration monitors systems (Bently Nevada T-3500).
 - Actuators (electrical (auma), pneumatic (fisher)).
 - Flame scanner (fireeye by Forney).
 - Pressure switches (beta by NESSTECH INC).
 - Furnace camera (CCTV) television system.
 - FLUE GAS Analyzers.
 - All instruments: (Installations, Commissioning, Loop check with YOKOGAWA DCS).
- Functional, sequential and control loop & logic commission test.
- DCS function block diagram test for boiler control (Yokogawa).
- Burner management system (BMS) hardware and software commissioning, test and start-up (HIACS 7000M) - HITACHI.
- Soot blower system commissioning, test and start-up using Yokogawa PLC (stardom).
- Fire Fighting System commissioning, test and maintenance (Notifier, simplex).
- CEMS (continuous emission monitoring) system analyzers (Forney) commissioning, test and start-up with DAS system from VIM (ALLEN BRADELY PLC HW/SW) for processing and monitoring.

MAINTENANCE RESPONSIBILITIES (FROM JAN. 2011 TILL NOV. 2017):

- Field Instruments, control loops, DCS and BMS maintenance.
- Prepare documentation for predictive maintenance plan and schedule.
- Steam turbine, Boiler "main aspect", auxiliaries and DCS annual inspection and overhaul.
- Lead team of technicians and make work coordination between them.

Field of experience :

- Perform predictive maintenance, planned and scheduled.
- CMMS maintenance management software.
- Network troubleshooting and maintenance.
- Good command of quality control processes.
- Maintenance Team Leader (responsible for a team of 2 Engineers, 5 Technicians and 1 worker).