

Holds a B. Sc. in Industrial Electronics & Control Engineering and has about 14 years hands-on experience working in I&C field at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/02/1983
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : STF – Maintenance Training Course for a 400MW HRSG (Off-shore training), STF COMPANY MAGENTA (MILAN) – ITALY.
- : Metito Co. Training, Nubaria Power Station, in water treatment in the following (on-shore training):
 - Demineralization Plant.
 - Pre-Treatment Plant.
 - Sewage Treatment Plant.
 - Potable Water System.
 - Waste Water Treatment System.
 - Oil/Water Separator System.
 - Chemical Injection System.
 - Steam Water Analysis System.
- : West Delta Electricity Production Co. (on-shore training): PLC Siemens Step7, Abu Qir Training Center, Alexandria.
- : Initec Energia Co. (on-shore trainings), Nubaria Power Station:
 - Training at DC System & UPS System.
 - Training at Hydrogen and Oxygen Gas Plant.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2018 till Aug. 2019
Employer : Carlo Gavazzi Egypt / Bonatti Group
Project : Zohr Onshore Gas Development Project phase II
Job title : E&I QC Manager

Dates : From May 2018 till Oct. 2018
Employer : CARLO GAVAZZI EGYPT with Danieli
Project : ROLLING MILL REVAMPING, ARCO STEEL Company, SADAT CITY
Job title : E&I Quality Control & Commissioning Manager

Dates : From Jul. 2017 till Apr. 2018
Employer : STF COMPANY, CP-105
Project : Giza North Combined Cycle (3x750MW) Power Station, Modules I & II & III
Job title : Warranty Claim Engineer

Dates : From Jun. 2015 till Jun. 2017
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (2x750MW) Power Station, Modules I & II
Job title : I&C Maintenance Engineer

Dates : From Sep. 2013 till Jun. 2015
Employer : CARLO GAVAZZI EGYPT with STF COMPANY, CP-105
Project : Giza North Combined Cycle (3x750MW) Power Station, Modules I & II & III
Job title : E and I&C Quality Control for Boilers

Dates : From Jan. 2013 till Sep. 2013
Employer : ONTRAK CORPORATION
Project : Giza North Combined Cycle (2x750MW) Power Station, Modules I & II
Job title : I&C Construction & Commissioning Engineer for GE gas turbine
Job Description :

- Four gas turbines 4x250MW supplied by (GE gas turbine 9FA) CP-101.
- Responsible for calibration lab activity and calibration documentation for all pressure, level and flow and temperature transmitters, switches and indicator.
- Commissioning (calibration, Cold and Hot loop check, start-up and Reliability test) for all transmitter and switches and all valves (pneumatic, hydraulic and motorize) and all detector (vibration, fire detector and flame detector).

Dates : From Jan. 2009 till Dec. 2012
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (1x750MW) Power Station, Module III:

- Two Gas turbines 2x250MW frame MS9001FA supplied by (GE).

- 2x400MW horizontal HRSG supplied by (STF).
 - One steam turbine 250MW (HP, IP, LP stages) supplied by (ALSTOM).
 - Distributed control system supplied by (YOKOGAWA).
 - Auxiliaries (service, closed cooling, circulating systems, Hydrogen and Oxygen Gas Production Plant, etc).
 - Water treatment system.
- Job title** : I&C Construction & Commissioning Engineer
- Job Description** :
- Study and preparation tender for CP-118 & CP-117 and CP-105.
 - Review all P&ID drawings & submittals and construction of all instruments devices: Two horizontal HRSG supplied, Water treatment system, DCS, Auxiliaries (service, closed cooling, circulating systems, Hydrogen and Oxygen Gas Plant, etc).
 - Approving design & submittals, site acceptance tests, commissioning.
 - Responsible for review all technical submittals.
 - Review and comment on all I&C construction documents and drawings (P& ID).
 - Verify all required erection drawings, standards, procedures & project specifications have been received by CONTRACTORS.
 - Read and understand (Electrical, piping and Instrumentation) drawing.
 - Coordinate I&C commissioning activities related to the new power plant / equipment.
- Dates** : From May 2006 till Jan. 2009
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** :
- Nubaria Combined Cycle (2x750MW) Power Station, Modules I & II:
- 4x250MW Gas turbines Siemens Model 94.3A2.
 - Four horizontal HRSG supplied by (ALSTOM).
 - 2x250 steam turbine 250MW (HP, IP, LP stages) supplied by (MITSUBISHI).
 - Distributed control system supplied by (ALSTOM Model ALSBA P320).
 - Auxiliaries (service, closed cooling, circulating systems, Hydrogen and Oxygen Gas Plant, etc.).
 - Water treatment system.
- Job title** : Instrumentation Maintenance Engineer
- Field of experience** :
- Good experience in the field of instrumentation & control related to the field of procurement, installation, construction supervision, calibration, maintenance, pre-commissioning, commissioning and start-up in the power stations.
 - Responsible for follow the constructions and (walk down, loop check, site acceptance tests, commissioning, receiving material and open points).
 - Good knowledge of operation / commissioning related to combined cycle Power Plant.
 - Good knowledge and working experience on different control system such as: ALSTOM DCS, PLC Maintenance, configuration, tuning and troubleshooting (SIAMTIC- S7, & Allen Bradley, Schneider), SCADA & DCS, Fire fighting and detection system, Gas detection system.
 - Maintenance of several kinds of sensors, smart transmitters, analyzers (PH, Conductivity, Silica, Turbidity, etc.), valves and actuators.
 - All field Instrumentation and valves Calibration and troubleshooting.

- Responsibility:
 - Perform preventive, corrective and diagnostic maintenance on the process control systems and control loops.
 - Perform the required routine maintenance (daily, weekly, monthly, yearly).
 - Troubleshoot, repair, calibrate and test various types of process control instruments and relay logic, which include pneumatic, electrical and electronic instruments.
 - Perform modification of control circuits and/or control loops as per the plant change requests and update all related plant drawings to reflect the actual changes.
 - Remove, dismantle, overhaul / repair and install electric, pneumatic, electronic or hydraulic control system such as control valves and actuators, recorders, measuring and recording instruments in the field or in the workshop.
 - Assist other sections such as electrical, mechanical and workshop in the repair and troubleshooting of their instrument and electronic related systems and test equipment.
- Achievements:
 - Responsible for maintenance actuator (Hydraulic servo valve, pneumatic, motorize) and I helped to built lab to make the maintenance.
 - Responsible for field instrumentation calibration lab (such as transmitter, switches and thermocouple and indicator, etc.).