

Holds a B. Sc. in Electronics & Communication Engineering and a Master of control in Electrical Power & Machines Engineering. Has about 15 years experience working in I&C and operation at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/08/1983
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

- : B. Sc. in Electronics & Communication Engineering, Menoufia University, 2005
- : Master of control in Electrical Power & Machines Engineering, Cairo University, 2015

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Photo editing software

TRAINING COURSES AND CERTIFICATIONS

- : OFF SHORE: (2013) One month training on STEAM TURBINE MAINTENANCE in ANSALDO ENERGIA Company at ITALY.
- : OFF SHORE: (2015) One month training on transformers protection and control system in TBEA Company at China.
- : ON SHORE: (2013) One month training on HRSG CONTROL SYSTEM from STF Company at site.
- : ON SHORE: (2010) Bentley Nevada 3500 vibration monitoring system from GE at site.
- : ON SHORE: (2010) One month on instruments installation and maintenance, TURBINE CONTROL from Mitsubishi Heavy Industries (MHI).
- : ON SHORE: (2012) Instruments and control course from INTIC COMPANY for all instrument and BOP devices as (air compressor, feed water pump,

- condensate pump, ...etc.).
: ON SHORE: One week in ABB Company for PGP & Symphony Harmony Infi90 (ABB) Control system in site.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2023 till now
Employer : Shanahan Engineering
Project : PP13 TWO Combined Cycles modules in Riyadh – KSA
Job title : I&C & Start-up Engineer
Job Description :
 - Commissioning, loop check & start-up for all instrument in HRSG.
 - Commissioning, loop check & start-up for all instrument in ACC.
 - Commissioning, loop check & start-up for all instrument in STG.
 - Commissioning, loop check & start-up for all instrument in GE gas turbine.

- Dates** : From Mar. 2020 till Mar. 2023
Employer : ANSALDO CALDAIE
Project : CAIRO WEST SUPERCRITICAL POWER STATION (650MW)
Job title : Calibration, I&C & Start-up Engineer
Job Description :
 - Calibration of all field instruments at lab before installation.
 - All instruments installations, commissioning & loop check.
 - All control valve for boiler installation, tuning, commissioning & loop check.
 - All field instrument and motorize valve calibration.
 - Install and adjustment and make configuration for Bentley Nevada 3500 vibration monitoring system.
 - I&C Instructor for onshore trainings:
 - ABB control system.
 - AUMA motorize valves.
 - All type of control valves.
 - All type of field instrument.
 - Bentley Nevada 3500 vibration monitoring system.
 - Maintenance engineering for all field instruments, vibration monitoring system, CEMS, SWAS.

- Dates** : From Mar. 2018 till Mar. 2020
Employer : ANSALDO CALDAIE
Project : SOUTH HELWAN SUPERCRITICAL POWER STATION (3x650MW)
Job title : Calibration, I&C & Start-up Engineer
Job Description :
 - Calibration of all field instruments at lab before installation.
 - All instruments installations, commissioning & loop check.
 - All control valve for boiler installation, tuning, commissioning & loop check.
 - All field instrument and motorize valve calibration.
 - Install and adjustment and make configuration for Bentley Nevada 3500 vibration monitoring system.
 - Install, commissioning, maintenance CEMS and SWAS.

- I&C Instructor for onshore trainings.

Dates : From Feb. 2017 till Mar. 2018
Employer : ANSALDO CALDAIE
Project : AL-SHABAB Electricity Power Plant Phase II
Job title : Calibration, I&C & Start-up Engineer
Job Description :

- Calibration of all field instruments at lab before installation.
- All instruments installations, commissioning & loop check.
- All control valve for steam turbine installation, tuning, commissioning & loop check.
- Steam turbine start-up commissioning and tune.

Dates : From Oct. 2016 till Feb. 2017
Employer : ANSALDO CALDAIE
Project : West Damietta Electricity Power Plant Phase II
Job title : Calibration Engineer
Job Description :

- Commissioning and maintenance I&C engineering.
- Commissioning all field instruments.
- Maintenance engineering for all field instruments.

Dates : From Oct. 2011 till Oct. 2016
Employer : Cairo Electricity Production Co.
Project : Giza North Combined Cycle Power Plant
Job title : I&C Engineer
Job Description :

- Instrument Engineering for three steam turbines for Ansaldo Energia.
- All instruments calibration, installations, commissioning & loop check FOR STEAM TURBINE with Ansaldo Energia.
- All control valve for steam turbine installation, tuning, commissioning & loop check.
- Steam turbine start-up commissioning and tune.
- I&C Engineer of HRSG AND STEAM TURBINE INSTRUMENTS AND CONTROL IN GIZA NORTH STATION.
- DCS Engineer of YOKOGAWA DCS (CENTUM VP) for BOP and HRSG control system.
- I&C Engineer of Auxiliary Units (Hydrogen units, Compressor air, Fire alarm System, Fuel Oil treatment unit Feed Water pumps and Circulating pumps) INSTRUMENTS IN GIZA NORTH STATION.

Dates : From Oct. 2008 till Oct. 2011
Employer : Cairo Electricity Production Company
Project : Cairo West (2x350MW) oil/gas fired Steam Power Station
Job title : I&C Engineer
Job Description :

- DCS Engineer of YOKOGAWA DCS (CENTUM CS 3000) for BOP and 2 steam turbines control system.
- Calibration of all field instruments before installation for example: field transmitters (Siemens & Yokogawa), Temperature sensors (thermocouples and RTDs) calibration check, vibration monitor systems

- (Bentley Nevada 3500), Actuators (electrical (auma), pneumatic (Valve)).
- All instruments installations, commissioning & loop check with YOKOGAWA DCS.
 - All instruments installations, commissioning & loop check FOR STEAM TURBINE with MHI.
 - All control valve for steam turbine installation, tuning, commissioning & loop check.
 - All steam turbine auxiliary as (debris filter, tube cleaning, vacuum pump, ...etc.) installation, tuning, commissioning & loop check.
 - Steam turbines start-up commissioning and tune.
 - Work at warranty overhaul for both units.