

104131-ICX-1CMOS-E-2002
Senior I&C Commissioning & Start-up Engineer

Holds a B. Sc. in Automatic Control & Computer Engineering and has over 17 years hands-on experience working in I&C field at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/05/1978
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Automatic Control & Computer Engineering, Tanta University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Power Station principle (Bechtel training course) in Shoubra El-Kheima Power Station in 2005 for 4 months.
- : Training ABB Company (2 weeks in Italy) about control system upgrade with symphony DCS (Jun. 2009).
- : SPPA - T3000 DCS system training course in Shoubra El-Kheima Power Station for 2 weeks (Aug. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2019 till now
Employer : ELSEWEDY PSP
Project : ASSIUT Steam Power Plant Supercritical (650MW)
Job title : Senior I&C Commissioning & Start-up Engineer
Job Description : Loop Check and function Test of the Systems:

- Main Steam system.
- Condensate water system.
- Demi water system.
- Potable water system.

- Circulation water pumps.
- Service water system.
- Closed cooling water system.
- Feed water system.
- Fire alarm system.
- Waste water system.

Dates : From Oct. 2016 till Sep. 2019
Employer : ELSEWEDY PSP
Project : Beni Suef CCPP 4800MW (4x1200MW)
Job title : Senior I&C Construction, Commissioning & Start-up Engineer
Job Description :

- Installation of all instruments of Gas Turbine.
- Installation of all instruments of balance of plant.
- Installation of all instruments of Steam Turbine and HRSG.
- Calibration for all instruments of balance of plant systems.
- Testing, Commissioning and start-up for all balance of plant systems.
- Testing, Commissioning and start-up for all instruments of SIEMENS Gas Turbine.
- Testing, Commissioning and start-up for all instruments of SIEMENS ST.
- Testing, Commissioning and start-up for all instruments of NEM HRSG.
- Troubleshoot of PLC (Siemens S7-300/400, S7-1200) problems.
- Calibration of all Hazard Gas Detectors.
- Commissioning and start-up of Fire Alarm Protection System.
- Commissioning and start-up of air compressors system

Dates : From Jul. 2014 till Aug. 2016
Employer : Cairo Electricity Production Company
Project : 6 October Simple Cycle Power Plant
Job title : Senior I&C Commissioning & Start-up Engineer
Job Description :

- Approving design & submittals, site acceptance tests, commissioning for Gas turbine.
- Making Loop Check and Function test.
- Supervision for installation of all instruments of Gas Turbine.
- Supervision for installation of all instruments of balance of plant.
- Calibration of all Instrumentation in the site.
- Testing, Commissioning and start-up for Gas turbine and balance of Plant Systems.
- Trouble shooting for any problem with DCS side.
- Review the logic diagram.
- Receiving spare parts from the companies in the project site.
- Perform and organize proper preventive maintenance for the I&C equipment as per the vendor O&M manuals and archive the maintenance records.
- Receiving spare parts from the companies in the project site.

Dates : From Jan. 2004 till Jun. 2014
Employer : Cairo Electricity Production Company
Project : Shoubra El-Kheima Steam Power Plant

- Job title** : I&C Maintenance Engineer
- Job Description** :
- Trouble shooting for any problem with DCS side.
 - The routine and the corrective maintenance for the Steam turbine control system (Operation & Monitoring System and Engineering System) and its instrumentation.
 - Calibration of all Instrumentation in the site.
 - Participate in the Upgrade works for Shoubra El-Kheima Power Plant in commissioning team to the SPPA - T3000 DCS.
 - Check installation for all field instrument.
 - Loop check for all instrumentation in site.
 - Make the necessary modification of wiring when required and make as built drawing.
 - Make the necessary modification of logics.
 - Perform hot commissioning and start-up.