

100562-CSX-1Six-E-2005
Calibration, I&C & Start-up Engineer

Holds a B. Sc. in Electronics & Communication Engineering and a Master of control in Electrical Power & Machines Engineering. Has more than 12 years hands-on 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 : Giza, Cairo

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

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2020 till now
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.

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.

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 Apr. 2016 till Feb. 2017
Employer : ANSALDO CALDAIE
Project : West Damietta Electricity Power Plant Phase II
Job title : Calibration Engineer
Job Description : Calibration of all field instruments at lab before installation for example:

- Field transmitters (Siemens, ABB, Rosemount,etc.).
- Temperature sensors (thermocouples and RTDs) calibration check.
- All gauge (pressure or Temperature).
- All switch and all type of instruments.

Dates : From Jun. 2014 till Oct. 2015
Employer : ANSALDO CALDAIE
Project : Giza North Combined Cycle Power Plant
Job title : Operation Engineer in steam turbine (Ansaldo Energia steam turbine)
Job Description :

- Steam Turbine Operation, Commissioning and Start-up Engineer.
- Perform first operation tests and first start-up for lube oil system.
- Perform first operation tests and first start-up for seal oil system, gland steam and gland steam condenser, vacuum system, Making first rolling and synchronization for STG.

Dates : From Oct. 2011 till Jun. 2014
Employer : ANSALDO CALDAIE
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 installations, commissioning & loop check FOR STEAM TURBINE with Ansaldo Energia.
 - ALL field instruments (Thermocouples, Vibration, Flow, Pressure and Level transmitters, all Servo valves and pneumatic actuators) Calibration & Installations & commissioning & loop check with control system.
 - All control valve for steam turbine installation, tuning, commissioning & loop check.
 - Steam turbine start-up commissioning and tune.
- 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 for two steam turbines control system (MHI).
 - 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.