

**101633-ICX-1MSx-S-2009**  
**I&C Commissioning Technician**

Holds a Computer Science degree and has over 12 years' experience working as Electrical Technician and I&C Commissioning Technician.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 16/11/1989  
Gender : Male  
Marital Status : Married  
Residence : Gharbia

## EDUCATION

: Computer Science degree from Specific Education Faculty, Tanta University, 2009

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: International Computer Driving License (ICDL) Certificate.  
: Training with ANSALDO ENERGIA Company on commissioning and start-up and operation.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2022 till Dec. 2022  
**Employer** : [EGYPTROL](#), Elsewedy Power (ESP) Subcontractor  
**Project** : Layyah Combined Cycle Power Plant, UAE  
**Job Description** : I&C Commissioning, Calibration and Maintenance.

**Dates** : From Jul. 2018 till Jan. 2022  
**Employer** : [EGYPTROL](#), AC Boilers Subcontractor  
**Project** : West Damietta Power Station 750MW Combined Cycle  
**Job Description** : I&C Commissioning, Calibration and Maintenance.

**Dates** : From Jun. 2017 till Jun. 2018  
**Employer** : [EGYPTROL](#), AC Boilers Subcontractor  
**Project** : AL-SHABAB POWER STATION – 8 units 2x750MW Combined Cycle  
**Job Description** : I&C Commissioning, Calibration and Maintenance.

**Dates** : From Feb. 2017 till Apr. 2017  
**Employer** : [EGYPTROL](#), KNAUF Subcontractor  
**Project** : KNAUF Suez Factory  
**Job Description** : Maintenance and calibration.

**Dates** : From Jan. 2016 till Feb. 2016  
**Employer** : [EGYPTROL](#), GE Energy Subcontractor  
**Project** : El-Kureimat Power Plant  
**Job Description** : Commissioning and calibration.

**Dates** : From Apr. 2015 till Jul. 2015  
**Employer** : [EGYPTROL](#), Electro Tharwat Subcontractor  
**Project** : West Damietta Power Plant (4x125MW) Gas Turbine  
**Job Description** : I&C Commissioning and calibration.

**Dates** : From Dec. 2014 till Mar. 2015  
**Employer** : PSP, seconded to Ansaldo Energia (CP-117)  
**Project** : 6 October Power Plant (4x125MW GE Gas turbine)  
**Job title** : I&C Commissioning & Start-up Technician

**Dates** : From Apr. 2013 till Nov. 2014  
**Employer** : YOUNG JIN, seconded to DOOSAN (Heavy Industries & Construction), CP-105  
**Project** : AIN SOKHNA Thermal Power Plant Supercritical steam (Steam Generator & Auxiliaries – 2x650MW):

- Two Steam Boiler (Steam Generator & Auxiliaries – 2x650MW)
- 220KV Switchyard, three tie transformers
- Medium and Low Voltage Switchgears

**Job title** : Commissioning & Start-up Technician  
**Job Description** :

- Line check.
- Loop check.
- Motor valve.
- VMV – BMS panel.
- Motor Control Center (MCC).

**Dates** : From Oct. 2012 till Mar. 2013  
**Employer** : PowerServ Co.  
**Project** : Al Ain Sokhna Power Plant (2x650MW)  
**Job title** : Calibration, Commissioning & Start-up Technician

**Job Description** : 

- Cable termination.
- Cable pulling.
- Calibration.

**Dates** : From Nov. 2011 till Jun. 2012

**Employer** : [EGYPTROL](#), Ansaldo Energia Subcontractor

**Project** : 6<sup>th</sup> October Power Plant (4x150MW)

**Job title** : I&C Commissioning Technician

**Dates** : From Jan. 2011 till Oct. 2011

**Employer** : Aida Hotel, Sharm El-Sheikh

**Job title** : Electrical Technician

**Field of experience** :

- Follow up the Implementation, Pre-commissioning & Commissioning, Loop Test (Cold/Hot Loop Test) and Calibration for the following devices:
  - Hart/Smart Transmitters.
  - Flow Indication Transmitters (FT).
  - Level Indication Transmitters (LT) (Displacer & DP).
  - Temperature Indication Transmitters (TT).
  - Pressure Indication Transmitters (PT).
  - Control Valves (CV).
- Using Hand Held Tools (Druck, Fluke, Hand Pump, Hart Communicator, Deadweight Tester, DVM).
- Instrumentation Calibration and Installation such as Flow, Level, Pressure, PDT and Temperature (Thermo Couples and RTD) Transmitter, Switches and Indicators.
- Motorized Operated (MOV), Control, On/Off Valves.
- Skilled at performing and documenting completion of maintenance, calibration, installation, fault location, and repair of electric, electronic and pneumatic instruments and systems.
- Calibration of Instrument (at Field or On Lab.) and Troubleshooting.
- Several successful experienced years in a variety of roles working with many different types of electronic test equipment, systems and support equipment.
- Communicate to any instrument by ("Hart" with hart hand held communicator or with PC).
- Tracking signals problems beginning from the instrument at the field to junction box and then to marshalling cabinets and then to the input and output cards and then to the controller.
- Instrument Air Tubing and Fittings Work.
- Check readings and signals through the HMI or PDM in engineering unit.
- Able to read and understand wiring, layout, P&ID, causes and effects diagrams.
- Calculate levels of tanks (open or closed) and set lower and upper value for pressure in Level Transmitter DP.
- Troubleshooting and Maintenance for all valves (control and shut off).
- Basic knowledge of diverter damper commissioning.
- Commissioning of stack damper (AUMA).
- Calibration of ROSMOUNT dual-input intelligent analyzer (Model 1056):
  - Calibration of PH sensor against 4 PH & 10 PH buffer.

- Calibration of conductivity sensors against 200  $\mu\text{s}$ , 3000  $\mu\text{s}$  buffer and air calibration.
- Calibration of dissolved oxygen sensor against zero buffers and air calibration.
- Measuring the insulation resistance (using megger) and winding resistance using (FLUKE).