

**102519-ICX-1MS-S-2019**  
**Instrument Commissioning Technician**

Has over 4 years' experience working as Instrument Technician in Ion, Analyzers, Fire & Gas detection Instruments and Machinery Control Instruments.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 27/09/1997  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2020 till now  
**Employer** : AC Boiler  
**Project** : Assiut Power Plant  
**Job title** : Instrument Commissioning Technician

**Dates** : From Sep. 2019 till Oct. 2020  
**Employer** : AC Boiler  
**Project** : South Helwan Power Plant  
**Job title** : Instrument Commissioning Technician

**Field of experience** :

- Have ability to read P&I Diagram, Functional logic diagram, Gate Logic, Relay Logic, Loop Diagram, Ladder Diagram & Loop Schematic.
- Calibration of Pneumatic, Electronic and SMART Transmitters of different makes (Rosemount, Fuji, MTL, Honeywell, Foxboro, Endess+Hauser, Baily Fisher, Yokogawa, Siemens etc.) for the measurement of Pressure, Differential Pressure, Flow, Temperature, Level, Interface Level and Density.
- Bms system (burner management system).
- Calibration and Configuration using different SMART Transmitter's

Communicators and Configurators: HART.

- Calibration, servicing and overhauling of Control Valves of different types and makes (Fisher, ABB, Masoneilan, IL, MIL, Neles Jamesbury, Valtek etc...). Installation, Calibration and Configuration of SMART Positioners (Fisher, Siemens).
- Calibration and servicing of Damper actuator Valves, ESD Valves, Self-Operated Valves, and Solenoid Operated Valves.
- Configuration and Servicing of Motorized Operated Valves (Rotork, Limatorque).
- Calibration and repairing of Pressure, Temperature, Flow and Level Switches and Gauges, I/P and P/I Converters.
- Calibration and repairing of Electronic and Pneumatic Controllers.
- Calibration and Maintenance activities of Following Analyzers: O, CO, CO, pH and Conductivity, Dissolved Oxygen, Analyzers, Silica Analyzers, Steam and Water Analyzers.
- Calibration and Programming of Speed Monitors/Transmitters (Bentley Nevada and Dymac) and Vibration/Speed Probes.
- Work exposure on Oil & Gas Well Heads, Burner Management Systems, Hydraulic skids and Relay Logic Panels.
- Knowledge about Instrumentation Drawings.
- Faultfinding and Fault analysis of various Instrumentation Systems.
- Work Exposure on Process Safe Guarding Systems.
- Distributed Control System & PLC: Working experience in DCS: FOXBORO I/A Series, ABB Freelance, Yokogawa Centum, Honeywell (TDC, TPS).
- Working experience in FISHER ROSEMOUNT DELTA V FIELDBUS System.
- Work exposure on Allen Bradley Logics PLC based Systems.
- Working experience in Foxboro Hart Maintenance System (HMS).
- Fire & Gas Detection Instruments: Checking and Troubleshooting of UV/IR Flame Detectors, Smoke Detectors, Heat Detector and Break Glass Units (make Det-tronics, cerebrus).
- Work exposure on Fusible Plug and Deluge System.