

# 100202-ICX-1CMS-E-2014

## Commissioning Field Supervisor

Holds a B. Sc. in Nuclear & Radiation Engineering and has over 6 years hands-on experience working in the field of Instrument & Control System Erection, Testing, Commissioning & Maintenance of field Instruments, DCS, ESD.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 10/11/1989  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

### EDUCATION

: B. Sc. in Nuclear & Radiation Engineering, Alexandria University, 2014

### LANGUAGES

Arabic : Native Language  
English : Good

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: MS Project

### TRAINING COURSES AND CERTIFICATIONS

: Programmable Logic Controller level (1) (Jul. 2011).  
: Programmable Logic Controller level (2) (Aug./Sep. 2011).  
: Distributed Control System (DCS) 20-Hours online training course.  
: Giza Fayoum & Raven CMP Glanding Certificate and EX Certificate.  
: Swagelok training at Giza Fayoum & Raven.  
: Mintra: Gas Treatment, bp Learning.  
: Upstream CoW HITRA Process Curriculum, bp Learning.  
: Upstream CoW Isolator, bp Learning.  
: Understanding Preventive Maintenance Master Data, bp Learning.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2018 till Oct. 2021  
**Employer** : CARLO GAVAZZI Egypt (CGE) Company under BP (British Petroleum) Company  
**Project** : West Nile Delta Project  
**Job title** : Commissioning Field Supervisor  
**Job Description** :

- Field survey and walk down for completion system at Giza Fayoum & Raven (GFr) to create comments and punch list for construction.
- Perform all field commissioning activity cold loop, Function test, Calibration for all devices include pressure transmitters, Temperature transmitters (RTDs, Thermocouples), Flow meters (Gas & Liquid) such as (Ultrasonic, Vortex, DP, Rotamass Coriolis, Magnetic, Turbine Flowmeter).
- Download and configure all instrument devices 'Hart & Fieldbus' from YOKOGAWA "PRM" system.
- Perform all commissioning activity function test and Calibration for all instrument devices on field and from "PRM" system.
- Configure and commissioning pneumatic valves (control & shutoff), Hydraulic valves, Stack Dampers.
- Configure and commissioning Level transmitters 'Hart & Fieldbus' for all models "Emerson Guided Wave Radar, Vega, Endress+Hauser". Involved to create Spreadsheet showing parameters for all Guided wave radar transmitters as left in "GFr".
- I assigned to be with all instruments vendors as (G.E Flowers, Metso valves, Emerson Guided wave Rader level transmitters, Nuclear (E+H) level transmitters.
- Implement modifications for Metso valves configuration to prevent the valves be in fault status and unintended movement as per vendor recommendation.
- Configure hydraulic Intex valves on field using PC software (Val-connect) and tested from DCS system.
- Troubleshooting on all instrument devices during start up for GFR systems. Diagnostic and troubleshooting level transmitters issues during startup such as (nuclear levels in HP/LP Flare KO Drum & GWR in Rich MEG Pre-Treatment Vessel, TSA Inlet Filter Vessel, Condensate Feed Drum, Rich MEG centrifuge slurry tanks).

**Dates** : From Mar. 2016 till May 2018  
**Employer** : Kharafi National Company with General Electric Company (GE)  
**Job title** : (I&C) Commissioning Engineer  
**Job Description** :

- Implement Maintenance and upgrade four Gas turbine at two power stations in Lebanon:
  - Implement Maintenance & troubleshooting for transmitters, switches and valves problems.
  - Proceed Field Calibration and commissioning for all instruments at GTG using HART COMMUNICATOR 475, Multifunction fluke 726, DRUCK DPI611 and Hydraulic hand pump.
- Upgrade 9FA turbines DLN 2.6+ MKVI to MKVIe at Nubaria Module III Power Station & El-Kureimat Module III Power Station:
  - Supervision and coordinate instrumentation and electrical workers

- for dismantling and reinstalling old systems and install new systems for upgrade according to G.E schedule.
- Received bills of material required to implement upgrade.
- Perform Devices Calibration for existing devices such as "pressure transducer or switches, Differential pressure pressure transmitters or switches" and provide Calibration sheets.
- Install new systems according to drawings.
- Supervision Pulling, termination and testing all new cables.
- Proceed process change management (PCM) activities of the GT panel internal.
- Perform Loop check, calibration and function checks test for new systems instrument devices.
- Upgrade G.E turbines LM6000 \* 46MW from single fuel (gas) to dual fuel (gas & liquid fuel) on Sharm El-Sheikh Power Station, Hurghada Power Station and Port Said Power Station:
  - Supervision and coordinate instrumentation and electrical workers for dismantling and reinstalling old systems and install new systems for upgrade according to G.E schedule.
  - Supervision Pulling, termination and testing (control cable, power cables) for new two skids (liquid fuel booster & purge air).
  - Perform Power and rotation check for motors and pumps.
  - Perform Cold & Hot loop check for all temperature & pressure sensors and switches.
  - Proceed calibration and commissioning for new valves (positioners & servo & limit switches & solenoid).
  - Perform calibration, Commissioning and troubleshooting for transmitters, switches and valves problems.

- Field of experience :**
- Coordination and supervision (I&C) commissioning, shutdown activities.
  - Coordinated materials delivery and organization to maintain smooth flow of work.
  - Professional in plant Resource Manager System "PRM", Familiar with Download and equalize Fieldbus devices in "DCS" before and after commissioning activities.
  - Download, configure and perform all commissioning activity function test, Calibration and simulation all instrument devices 'Hart & Fieldbus' from "PRM" system.
  - Perform pre-commissioning, Cold loop, Calibration, function test, commissioning, troubleshooting, Maintenance and fault-finding for all instrument devices types.
  - Proceed Field Calibration for all instruments at site using HART COMMUNICATOR 475, AMS Trex Communicator, Multifunction fluke 726, Resistance Box, DRUCK DPI, Hydraulic hand pump.
  - Excellent experienced on all type level transmitters devices configure, commissioning, troubleshooting and fault-finding.
  - Working and familiar with pneumatic and hydraulic valves (control & shut off).
  - Commissioning and troubleshooting MOTORIZED VALVES using wireless Bluetooth Remote.
  - Good experience in (I/P) converter, Smart positioners control valves such as (MetsoND9000, Fisher DVC series, Samson, Imtex control valves).

- Perform valves test and maintenance such as Bench range test, change gland packing (soft & solid).
- Perform I&C maintenance activity such as preventative maintenance (PM) and critical maintenance (CM).