

Holds a B. Sc. in Electronics & Communication Engineering and has over 7 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/03/1991
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Alexandria Institute of Engineering & Technology, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: ICDL (International Computer Driving License).
: Matlab Basic Training.
: Industrial Process Measurement.
: Valves and Position Actuators.
: PLC (Programmable Logic Control).
: Trainings at:

- Sidi Krir Power Station (summer 2009, 2010).
- Middle East Oil Refinery (MIDOR) (summer 2011).
- Egyptian Project Operation & Maintenance (EPROM) (summer 2011).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2018 till Jan. 2020
Employer : Schlumberger
Project : ZOHR GAS Field (Early Production Facility)

Job title : Instrumentation Engineer
Job Description :

- Maintenance for all types of instrumentation like flow meters, level transmitters, pressure transmitters, fire & gas detection and H2S Analyzers.
- Perform preventive maintenance and calibration every 6 months as per Drager manual for Toxic gas (H2S) detector (GDS), flammable gas detector (GDE), Flame detector (BDI) and linear heat detector (TDL).

Dates : From Nov. 2017 till May 2018

Employer : SIEMENS

Project : Burullus Combined Cycle Power Station 4800MW

Job title : I&C Commissioning Engineer

Job Description :

- Excellent experience of Siemens control system SPPA T-3000.
- Calibration & troubleshooting Auma valve in HRSG and BOP scope, perform configuration for Auma with display.
- Responsible for troubleshooting calibration of all transmitters related to Sampling system, Amonia dosing, Ball tube cleaning system and cooling tower.

Dates : From May 2017 till Jul. 2017

Employer : PETROMAINT

Project : Shutdown Project at Emethanex Turnaround 2017

Job title : I&C Engineer

Job Description :

- Preventive maintenance for control valve.
- Preventive maintenance for ON/OFF valve.
- Corrective maintenance for control valve (Fisher & CCI).
- Preventive maintenance for the transmitters (FOXBORO).

Dates : From Mar. 2017 till Apr. 2017

Employer : CMS Enerji

Project : Rehabilitation of parsons turbine generator 320MW at Al Mussaib Thermal Power Plant at IRAQ

Job title : I&C Engineer

Job Description :

- Working at stator winding cooling water system, jacking oil system, lubricating oil system, hydrogen seal oil system and hydrogen supply and purging system.
- Loop check and function test for all devices installed at these systems.
- Calibration Pressure gauges and temperature indicators.
- Function test for all pressure switches and temperature switches.
- Loop check for transmitters.
- Calibration control valves with positioner OPTIMUX HPP4500.
- Making assessment report for all device at each system.

Dates : From Oct. 2016 till Feb. 2017

Employer : SIEMENS

Project : Burullus Combined Cycle Power Station 4800MW

Job title : I&C Commissioning Engineer

Job Description :

- Gas turbine instruments cold loop check.
- Execute process change management (PCM) activities of the GT panel internal wiring.
- Hot loop check and function check for all GT instrument.
- Calibration of Metso valve installed at air line.
- Check the feedback, command and servo valve related to hydraulic valve installed at fuel gas lines (Pilot, A-stage, B-stage, C-stage, D-stage).
- Hot loop check and function check for all petro gas station instruments.
- Check all limit switch related to Diverter Dumper between HRSG and Bypass to stack.
- Calibration AUMA valve at gas station.

Dates : From Feb. 2015 till Sep. 2016

Employer : Hyundai for Heavy Industries

Project : Jeddah Thermal Power Plant 4x650MW, KSA

Job title : I&C Commissioning Engineer

Job Description :

- Working and familiar with all shut off valves, motorized valves (AUMA) and all instruments (pressure, flow, level, temperature, speed and vibration).
- Perform calibration, loop check, function test and put instruments in services.
- Maintenance & troubleshooting for instruments during operation at field.
- Familiar with Bentley Nevada vibration system.
- Support mechanical team during function check at our area FGD (Flue Gas Desulphurization).
- Support mechanical team during solo test and run test at Aeration Fan System and Absorber Pump.
- Perform loop check test for all breakers at low & medium voltage switchgear during all breakers at test mode.

Dates : From Oct. 2013 till Dec. 2014

Employer : Doosan for heavy industries and construction

Project : Contract (CP-105) in El Ain El Sokhna Supercritical Thermal Power Station 2x650MW

Job title : I&C Commissioning Engineer

Job Description :

- Loop check for all boiler instruments using Yokogawa hart communicator.
- Field calibration & parameters modification for transmitters.
- Loop check & function check for solenoid valves, control valves (SIEMENS & ABB) & Motorized valves (AUMA).
- Loop check for control dampers (ABB) & shutoff dampers.
- Loop check for boiler soot blowers.
- Calibration for all control valves & control dampers.
- Motorized valves Calibration.
- Loop check & Function check for all valves & equipments on burners skids (valves, flame scanners, limit switches).
- Line check for all valves & instruments cables.
- Troubleshooting for transmitters and valves problems

Dates : From Sep. 2012 till Oct. 2013
Employer : Elseweedy Electric - PSP (Power System Projects Company)
Job title : I&C Commissioning Engineer
Job Description :

- I&C Commissioning, Test & Operation Engineer in contract (CP-118) in ABU QIR New Power Plant 2x650MW.
- Working and familiar with all pneumatic control, on-off & motorized valves and all instruments (level, temperature, flow, pressure, etc.) making loop check test, calibration, continuity test and process test and put instruments in service.