

107218-ICX-12CMOST-E-2012
E&I and Commissioning Engineer

Holds a B. Sc. in Electronics & Communication Engineering and has about 6 years of professional experience with multi discipline aspects such as instrument, Engineering, Construction, Start-up and Commissioning in Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/07/1989
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Mansoura University, 2012
: Al-Nawawi Boys School for Secondary Education, UAE, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: PLC
: Classic control
: Microcontroller

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2018 till now
Employer : Orascom Construction
Project : NEW West Damietta Power Plant
Job title : E&I and Commissioning Engineer
Job Description :

- Carry out starting, normal operation, shut-down and stand still.
- Loop checks for the DCS, Cold commissioning (CFT) and assistance during Hot Commissioning (HFT) at client sites.
- Site inspection / walk-down, project work & manpower planning.
- Monitoring all readings of pressure, temperature, flow rate, vibration, valve position, liquid levels and power generated.
- Leading the team members working in different project function areas.

- Checking all auxiliary equipments and devices (auxiliary power supply, lubrication and control oil system, fuel oil system, fuel gas system and ignition gas system).
- Extensive troubleshooting, maintenance experience for Smart (HART) and Foundation Fieldbus (FF) type field devices of all process variable of various Manufacturer like ABB, Emerson Rosemount, Honeywell, Yokogawa, etc.
- Field Diagnostics Check and Remote calibration by using HART Communicator, unomat multi calibrator, Loop Calibrator, pneumatic druck and hydraulic pump, multimeter and other make standard calibrator.
- Testing of control valve, ESD valves, hydraulic valves, Vibration sensor like velometer, accelerometer and Proximitor installation.
- Pre-commissioning and functional test of process loop by Interpretation of loop drawing, Instrument cabling & terminations details.
- Calibration & installation) for various instruments and technical experience about different type of Pressure, Level, Flow, Temperatureetc.
- Documentation of project hardware/ software & reports.
- Building the strong business relationship with clients.

Dates : From Oct. 2017 till Apr. 2018

Employer : Power Automation Team (GE SCOPE and BOP SCOPE)

Project : NEW West Damietta Power Plant

Job title : E&I and Commissioning Engineer

Job Description :

- Loop test.
- Cold commissioning.
- Hot commissioning.
- Calibration & Installation for various instrument and technical experience about different type of pressure, level, flow, temperature ...etc.
- Pre-commissioning and functional test of process loop by interpretation of loop drawing, instrument cabling & termination details.
- Commissioning test for pneumatic valves, transmitter, thermocouples and MOV such as Auma Actuators, Rotork ...etc.
- Manage the Electrical testing using detailed knowledge of principles and procedures on HV, MV, LV protection systems, Switchgear, MCC, Distribution system and electrical equipment including the interface with the DCS and/or Turbine control system(TCS) and Generator Control panels.
- Commissioning on Energized LV & MV switchgear with Operator workstation and troubleshooting problems with Schneider Electric Team.
- I&C support.
- Hardware engineering for automation & IO Cabinets.
- Documentation.

Dates : From 2016 till 2017

Employer : East Delta Electricity Production Company

Project : East Damietta Power Plant

Job title : E&I and Commissioning Engineer

- Job Description** :
 - Operating GIS SF6 66KV AEG Switch gear.
 - Operating GIS SF6 220KV AEG Switch gear.
 - Operating 135MW Siemens Gas Turbine V94.2.
 - Control Instruments of Gas Turbines and Boiler.
 - Diesel Engine.
 - Electricity maintenance.
 - To do the work orders on amplessma system.
 - Operating, monitoring & maintenance plant auxiliary.
 - Operation of steam power plant (boiler, turbine, generator, transformer).
 - Training in (cold & hot commissioning, Calibrating inlet guided vane (IGV) & variable guided vanes (VGV), over speed trip (OST), fuel gas valves test and their adjustments.
 - Documentation.
- Dates** : From 2013 till 2015
- Employer** : Egyptian Armed Forces
- Job title** : Maintenance & Operation Engineer
- Job Description** :
 - Operation and maintenance of electrical and electronics circuit.
 - Operation and maintenance of air conditioning systems (central or separate units).
 - Ensure plant is running at optimal level, by reading trends and paying attention to detail to notice possible problems before they happen.
 - Taking all steps to restore the normal operating condition in case of readings change due to causes not associated with the mode of operation.
 - Maintenance & Operation Engineer where I performed preventive, corrective and predictive maintenance and troubleshooting based on root cause analysis as well as overhauls of control circuit, PLC, Electrical circuit and Electronic billboards.