

104765-MET-14COSix-E-2016
Commissioning Engineer & Field Operator

Holds a B. Sc. in Mechanical Engineering (Mechatronics) and has over 4 years hands-on experience, mainly working as Field Operator.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/12/1993
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

- : B. Sc. in Mechanical Engineering (Mechatronics), Arab Academy for Science, Technology & Maritime Transport (AAST), 2016
- : MBA - Master of Business Administration, Brooklyn Business School - Online course (2017-2020)

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD
- : Code vision
- : Matlab

TRAINING COURSES AND CERTIFICATIONS

- : 12 levels of English conversation course.
- : Arduino course, Microchip Technology certificate.
- : PMP - Preparation course.
- : Advanced H2S Gas course (level 2) - MAERSK (H2S safety service) in compliance with ANSI Z390.1.
- : Schlumberger safe - Schlumberger HSE course.
- : OGS PTW - OGS permit to work course.
- : Training as Panel Operator for 6 months on DELTA system and I used to help I&C team according to my mechatronics study.

- : Trainings at:
 - Sidi Krir 1 & 2 Power Station 2x320MW (one month).
 - Sidi Krir 3 & 4 Power Station 2x360MW (two weeks).
 - Haliburton Oilfield Services Company (two weeks).
 - Alexandria Oil Company (two weeks).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2020 till now
- Employer** : EPROM
- Project** : Assiut Naphtha Complex
- Job title** : Commissioning Engineer & Field Operator
- Job Description** :
- Commissioning and operation of 3 units; NHT, Isomerization unit, CCR.
 - Commissioning activities:
 - Leak test, steam blowing, air blowing, lube oil flushing, putting utility systems in service.
 - MRT for compressors, pumps and commission chemical packages, heaters and loading catalyst.
 - Preparing for start-up with treated naphtha for NHT; cold circulation, dry out and hot circulation.
 - Operation activities:
 - Line up and start-up systems for cold, hot circulation and dry out activities.
 - Communicate with control room operators to arrange and maintain safe and normal start-up and shutdown.
 - Prepare work permits for commissioning and operation activities.
 - Prepare equipment for maintenance and re-commission when completed.
 - Coordinate with maintenance department for maintenance activities.

- Dates** : From Jan. 2020 till May 2020
- Employer** : Technopower
- Project** : Terminal 3 Power Station, Cairo International Airport
- Job title** : SCADA Operator
- Job Description** :
- Operation and monitoring for 11 Mid-Low voltage distribution stations.
 - Operation activities:
 - Operate SCADA system and deal with any critical problems.
 - Manage any maneuver such as; generator or mid-voltage maneuvers.
 - Supervise any maintenance work for generators, mid or low voltage panels, PLC's and UPS.

- Dates** : From Apr. 2018 till Jan. 2020
- Employer** : Schlumberger
- Project** : Zohr Gas Field, Port Said
- Job title** : Field Operator
- Job Description** :
- Operation of 3 main units; Acid gas removal, THIOPAQ, Sour liquid.
 - BOP: Hot oil gas heater with one pilot burner, Air compressors, chiller,

Nitrogen Package, amine and water tanks.

Operation activities:

- Monitoring & inspection of all rotating equipment's and instruments for any abnormalities.
- Check the plant thoroughly and records readings.
- Prepare equipment for maintenance and re-commission when completed.
- Participate in planned plant shutdown procedures' preparations, like preparing isolation list, blind list and equipment hand over procedure.
- Responsible for smooth shutdown and start-up of the plant.
- Co-ordination with various maintenance departments such as mechanical, instruments and electrical in carrying out maintenance activities.

Dates : From Jul. 2017 till Apr. 2018
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : Al-Shabab Power Station
Job title : Field Operator
Job Description : Commissioning & operation for 8 units HRSG x 60MW:

- Responsible locally for safe start-up and shutdown.
- Defect reporting and fault reporting, revision and review of mechanical installations and piping.
- Arranging and preparing for chemical cleaning with VECOM.
- Participate in I&C and mechanical maintenance activities.
- Steam blowing and performance test.

Dates : From Feb. 2017 till Jul. 2017
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Projects : New Damietta Power Station
Job title : I&C Engineer
Job Description :

- Commissioning for all HRSG systems, transmitters, control and motorized valves.
- Calibration, troubleshooting and setting ABB transmitters, Fisher control valves and Auma motorized valves.

Dates : From Oct. 2016 till Feb. 2017
Employer : Edra Energy
Project : Sidi Kirir Power Station
Job title : Field Operator
Job Description :

- Control a variety of power-generation equipment and machinery during normal operation, scheduled maintenance and emergency repair procedures.
- Monitor meters, gauges and control boards to verify operational parameters.
- Start and stop turbines and other power-generation equipment as necessary to maintain safe operation.
- Participate in regular training to improve performance.