

106086-MEC-1MOS-E-2017

Commissioning Technical Support Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 3 years hands-on experience working mainly in commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/06/1994
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD MEP
: AutoCAD 3D Plant
: MS Project
: Solid Works mechanical design
: Solid Works sheet metal
: Solid Works weldment
: Automation Studio (for hydraulic circuit design)
: Prezi (for making presentation at high level)
: HAP
: ELEIT

TRAINING COURSES AND CERTIFICATIONS

: Solid Works mechanical design (certified by passing the company associate test).
: HVAC (used the courses of Eng. Wael Neseam online study).
: Fire fighting (used the courses of Eng. Wael Neseam online study and Egysset Center course data).
: Plumbing (used the courses of Eng. Wael Neseam online study).

- : Training for 2 months and knowing the types of pumps and method of operation, pre-treatment and safety specifications.
- : Training at GHAZEL ELMAHALLA COMPANY (2 months in 2015):
 - Worked as a Supervisor Engineer under training on production lines, car maintenance garages there.
 - Carried out central air conditioning systems designed there for administrative buildings as well as for power transformers.
 - And I carried out the power station of the company is a kind of steam stations.
- : Thermo dynamic, University of Michigan (Coursera).
- : Planning and Initiate small projects, Clifforina University (Coursera).
- : SKF bearing course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2020 till now
- Employer** : [EGYPTROL](#)
- Job title** : Commissioning Technical Support Engineer
- Job Description** :
 - Participate in prepare the time schedule and the quality plan for LAYYAH SIMPLE CYCLE Power Plant commission contract from ELSEWEDY-MITSUBISHI consortium, EGYPTROL won it as lump sum in United Arab Emirates.
 - Use Microsoft Project to time schedule.
 - Participate in preparing quality plan.
 - Participate in preparing project execution plan.

- Dates** : From Nov. 2018 till Dec. 2020
- Employer** : [EGYPTROL](#) - subcontractor for Ansaldo Caldaie (AC BOILER)
- Project** : South Helwan Supercritical Power Plant
- Job title** : Commissioning & Start-up Engineer
- Job Description** :
 - Commissioning activities:
 - Being Field Operator support the commissioning activities like Hydro test, Boiler Chemical Cleaning, gas lines blow off, fans skids oil flushing, dry out refractory of burners, motors solo runs, etc.
 - Had high contact with vendors and handled with many mechanical problems.
 - Start-up activities:
 - Start from first firing to normal operation.
 - Started as a Field Operator.
 - Being responsible of the auxiliary boiler operation.
 - Prepare the systems of water, steam, gas, air from field.
 - Keep monitoring the local equipment parameters.
 - Then I worked as a Control Room Operator.
 - Monitoring the performance of the unit by system Schneider Foxboro.
 - Starting of the systems with data sheet references.
 - Boiler start-up (cold – warm - hot) with start-up curve shutdown with shutdown curve.
 - Trouble shooting the malfunction of equipment.

Dates : From Jan. 2018 till Sep. 2018
Employer : [EGYPTROL](#) - subcontractor for Orascom
Project : West Assiut Power Plant
Job title : Commissioning & Start-up Engineer
Job Description :

- Support the commission team duties like motors run test, oil flushing, blow off lines till first firing.
- Monitoring the performance of the unit using GE MARK VI System.
- Preparation of safety work permit.
- Prepare and report daily reports of the unit.

Dates : From Aug. 2017 till Jan. 2018
Employer : Ridgewood for water solutions
Project : RO Plant in Hurghada
Job title : Operation & Maintenance Engineer
Job Description :

- Perform the preventive maintenance.
- Perform corrective maintenance of rotary and static equipment.
- Daily walk down and routine check for operation limits.
- Monitor parameters of equipment and the chemical dosing.
- Lead team of technicians and workers.

Field of experience :

- Over 3 years of experience, started as Gas Turbine Operator at West Assiut Power Plant GE FRAME 9E TURBINE, then worked as Field Engineer for supercritical steam boiler at South Helwan Power Plant, then worked as DCS Operator at the same station.
- And participate in the commissioning activities for the gas turbine and the boiler.
- And also practical mechanical maintenance experience, and have a very good knowledge of steam turbines and balance of plant. Participate in preparing the time schedule and the quality plan for LAYYAH SIMPLE CYCLE Power Plant commission contract in UAE.