

100058-MEC-1OSY-E-2016
Commissioning & Start-up Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 2 years hands-on experience working in commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/06/1993
Gender : Male
Marital Status : Single
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Mechanical Power Engineering, (PUA) Pharos University in Alexandria in exchange with KTH Royal Institute of Technology, Stockholm – Sweden, 2016

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D, 3D
: Matlab Programming Basic Applications
: Solid Works Basic Design Applications

TRAINING COURSES AND CERTIFICATIONS

: Attended "HVAC course" at ASME AlexSS (Aug. 2015).
: Attended "Gas turbine operation, selection, troubleshooting and maintenance course" at Oil & Gas Skills (Feb. 2016).
: Attended "Solid Works Basic design application" at Egyptian Syndicate Engineers (Jul./Aug. 2015).
: Attended "Fire Fighting Design" at Egyptian Syndicate Engineers (Nov. 2015).
: Trainings at:

- Suez on internship basics in the operation and maintenance Department of the Alexandria O&M project (Aug./Sep. 2015).
- AMOC Company on the operation and maintenance for some mechanical equipment (Jul./Aug. 2015).

- Alex. Petroleum Company on the operation and maintenance for some mechanical equipment (Aug. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2018 till now
Employer : Orascom
Project : West Assiut Combined Cycle Add-on Power Plant 2x750MW
Job title : Commissioning & Start-up Engineer
Job Description :

- Ensure HSE awareness on the job.
- Review P&IDs and engineering documents, Data sheets.
- Follow up on the Mechanical completion of all systems.
- Perform mechanical cleaning and/or flushing for the piping connections on site.
- Steam blow activity.
- ACC hot cleaning activity.
- Bypass operation and steam purity activity.
- Perform solo-run and load tests for all site equipment.
- Start-up and operation of various systems in the plant (closed cooling, feed water system, Condensate system, Air cooled condenser...etc.).
- Monitoring and reporting any activity in the plant including the HRSG, BOP and the Turbine activities.
- Perform various tests on the systems mentioned above according to start-up procedures.
- Monitoring the performance of all site equipment during reliability run.
- Prepare and operate steam unit in all operating modes, unit start-ups, equipment changeover, report on equipment operating condition and monitor equipment performance reporting abnormalities to maintenance.
- Start-up, commissioning and operation for all site equipment according to their respective manuals.

Dates : From Dec. 2017 till Mar. 2018
Employer : AC Boilers S.P.A
Project : West Damietta Power Station 750MW Combined Cycle
Job title : Commissioning & Start-up Engineer
Job Description :

- Perform loop check for all motor valves of HRSG and walk down for all lines.
- Prepare and Perform Steam blowing for HP & LP systems.
- Start-up HRSG in Responsibility bypass operation then normal operation to steam turbine.
- Field Operator on four HRSG 250MW and their auxiliaries and reporting the equipment condition during normal operation, start-up and shut-down.
- Attending all tests and commissioning of mechanical equipment.