

107047-MEC-1OS-E-2017

Operation, Commissioning & Start-up Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 3 years hands-on experience in pre-commissioning, commissioning and start-up of Boilers, HRSG, BOP and turbines.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Tanta

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Revit
: Solid Works
: CAD MEP
: Ansys
: Automation Studio
: Microsoft Visio (piping and instrument diagram (P&ID))

TRAINING COURSES AND CERTIFICATIONS

: Training at Cairo Oil Refining Company.
: Training at Coca Cola Company.
: Training at Maintenance Center of Shark Delta Company.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2018 till now
Employer : [EGYPTROL](http://www.egyptrol.com) - Seconded to UPPER EGYPT PRODUCTION COMPANY
Projects :

- South Helwan Supercritical Power Plant 3x650MW (from Sep. 2018 till now) (Steam turbine made by Japanese technology (Mitsubishi Hitachi power systems))

Job Description :

- West Assiut CCPP 1500MW (from Mar. 2018 till Sep. 2018) (8 units gas GE 9E, 2 units steam Alstom GE)
- EL-KUREIMAT CCPP 3x250MW (from Jan. 2018 till Mar. 2018) (4 units Siemens 2 steam units)
- South Helwan Supercritical Power Plant 3x650MW (Commissioning & Start-up Engineer):
 - BOP (Balance of Plant) DCS Operator for all plant Auxiliaries (Feed water - Aux. steam - Cooling water - Closed Cooling - Air compressors - Re-boiler system - Mazout and Solar system).
 - Monitoring progress, recording all test results, witnessing final testing and acceptance of equipment.
 - Power Plant piping hydro test and flushing.
 - Motors solo run test and commissioning.
 - Feed water system chemical cleaning.
 - Firefighting testing and commissioning.
 - Supercritical boiler chemical cleaning.
 - Boiler first fire and burner tuning.
 - Main boiler steam blowing.
 - Ensuring the safe testing and commissioning of all equipment.
 - Make sure all systems are designed, installed, tested, operated & maintained according to the operational requirements as per contract.
 - Walk-downs to identify mechanical punch list items.
 - Main turbine lube oil flushing and system testing.
 - Main turbine seal oil flushing.
- West Assiut CCPP 1500MW (Operator & Start-up Engineer):
 - Local and DCS Operator of simple cycle gas turbine start to normal operation and was part of maintenance team in final 2 months.
 - Part of operation team prepare unit and its Aux skids for start-up.
 - Compressed air system.
 - Feed water system.
 - Fuel system in solar, Mazout and natural gas.
 - Familiar with gas turbine GE frame 9E.
 - Pre-commissioning HRSG (Heat recovery steam generation).
 - Inspect system after any maintenance work for start in normal operation.
 - And then be a part of maintenance team check any abnormal issues in skids of unit.
- EL-KUREIMAT CCPP 3x250MW (Local Operator & Start-up Engineer):
 - Check aux skids of unit were ready for normal start.
 - Check any abnormal operation of that skids and make report for DCS team and maintenance team.
 - Make a daily reading report for that systems is normal or not.
 - And then be a part of maintenance team check any abnormal issues.