

**105705-MEC-1OS-E-2016**  
**Mechanical Commissioning Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 2 years hands-on experience in power generation and oil and gas. Skilled in commissioning and start-up for many equipment, systems and field operation.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/01/1992  
Gender : Male  
Marital Status : Single  
Residence : Assiut

## EDUCATION

- : B. Sc. in Mechanical Power Engineering, Assiut University, 2016
- : Under studying PGD post graduate degree in ME, Assiut University, 2018-2020

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Automation Studio

## TRAINING COURSES AND CERTIFICATIONS

- : Simulation soon basics of engines and maintenance / Maintenance hydraulic circuits for heavy equipment, Arab Contractors (Jul./Aug. 2014).
- : Engines, the basic components and the theory of their work and how to get to the problem and ways to solve them / Hydraulic circuits' maintenance and installation, Mansour Chevrolet (Jul./Aug. 2015).
- : Training at Cemex Assiut (Aug./Sep. 2015):
  - Running, PM and PDM maintenance.
  - Root cause analysis.
  - Cement production process.
  - Establishment of petcoke project.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2020 till now  
**Employer** : Petrojet  
**Project** : ASORC NAPHTHA COMPLEX (ISBL)  
**Job title** : Mechanical Commissioning Engineer  
**Job Description** :

- Responsible of team who execute air blowing and flange management for cycles parts of system after hydro test and preparing it for final reinstatement up to MCC sign.
- Review PIDs and Isometric for all cycles and system.
- Inspection for Heat exchanger and equipment by bore scope.
- Coordinate with owner (Worley) and consultant (ENPPI) QC team and commissioning team during executing works of Pre-Commissioning.
- Follow clearing punch process.
- Leading for documentation process and sign certification of works.
- Follow the track of cycle package from center to back it to center.
- Commissioning assistant with Vendor with tools and manpower.
- Coordinate walk through and share punch list with all discipline and follow close it.
- Monitor installation, submittals and usage of engineering tools adhering to project and commissioning guide lines.
- Tracking the progress of Construction achievement and trying to meet deadline.
- Fill the ITR with main contractor and who is responsible about task.

**Dates** : From Dec. 2017 till Feb. 2020  
**Employer** : Orascom Construction & Industries  
**Project** : ASSIUT COMBINED CYCLE POWER PLANT 1500MW  
**Job titles** : Mechanical Commissioning Engineer / Local Operator  
**Job Description** :

- Participate in commission and start-up of Condensate and Closed Cooling System.
- Testing and Start-up Feed Water pump.
- Responsible of Chemical feed System (Ammonia and phosphate Skid) Commissioning and Maintenance.
- Preservation of DOOSAN boiler after chemical cleaning.
- Participate in Steam blow for boiler and main steam system.
- Commission for lube Oil, hydraulic, lifting and Seal Oil.
- Participate in performance test preparation and taking results of gas turbine GE GT-9E.
- Identify systems and sub-systems by marking up of PID's system definition and shop drawing for electrical system.
- Review operating manuals in cooperation with Vendors.
- Making walk down and Develop punch list procedure and exception list.
- Testing and commissioning for steam turbine system (lube oil, seal oil, lifting oil, hydraulic oil and generator cooling system with hydrogen).
- Clean, lubricate, and maintain equipment such as generators, turbines, pumps, and compressors in order to prevent equipment failure or deterioration.
- Make adjustments or minor repairs, such as tightening leaking gland and

pipe joints; report any needs for major repairs.

- Participate in sample collections like collect oil, water, and electrolyte samples for laboratory analysis for analysis and plant performance monitoring.
- Operate, observe and collect data from all machinery and equipment in my area of responsibility as per operating procedures and safety regulations to maintain plant productivity.
- Inspect power plant equipment and indicators to detect evidence of operating problems.
- Handover Shift Log, report and activities to the incoming shift Field Operator to ensure proper and smooth plant operation.
- Ensure that all safety and precautionary requirements and procedures are followed during the commissioning.
- Report hazards, incidents or accidents and participate in the study and analysis of the root cause to prevent escalation and recurrence.
- Participate in Commissioning of gas purge and Steam seal System.