

**105720-MEC-15DMOS-E-2013**  
**Commissioning & Field Operation Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years hands-on experience, including 2 years working in operation and commissioning at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/08/1991  
Gender : Male  
Marital Status : Single  
Residence : Naga Hammadi

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Higher Technological Institute at 10th of Ramadan City, 2013

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Course in Commissioning and start-up of mechanical equipment at American University in Cairo (AUC).  
: Trainings at:

- Shoubra El-Kheima Power Plant.
- International Cables Company.
- National Company of Maize Production.
- Deshna Sugar Factory.
- Naga Hammadi Fiber Board Production Company.

: ICDL (MS Office, Internet) (Dec. 2012).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2017 till now  
**Employer** : Orascom Construction (OC) / GE  
**Project** : NEW ASSIUT COMBINED CYCLE POWER PLANT 1500MW

**Job title** : Commissioning & Field Operation Engineer

**Job Description** :

- Develop and conduct acceptance tests on equipment purchased from vendors.
- Achieve Testing and commissioning for GE steam turbines (Alstom frame) systems (lube, seal, Lift, hydraulic) oils and service air system.
- Achieve Testing and commissioning for Hydrogen system and filling the generator with Hydrogen.
- Responsible for Testing and commissioning for the condensate system, the steam condensed by Air Cooled Condenser (ACC).
- Participate in Testing and commissioning for Closed Cooling water system heat rejected using air-cooled Fin Fan Cooler.
- Complete successfully (8) Doosan (HRSG) steam Blow and hot cleaning of Air- Cooled Condenser (ACC).
- Resolved technical problems associated with rotating equipment and mechanical packages/valves are identified and coordinated with the vendor.
- Preservation of 8 Doosan HRSG by nitrogen until the operation.
- Conducted requirements for the operation during performance, reliability tests.
- Working as an Operation Engineer during normal operation of the plant.
- Participate in Maintenance for static and rotary equipment such as valves, boiler feed water, Condensate pumps (HYSOUNG), Closed cooling & Demin pumps (Garbarino), Drain pumps (KSB), Vacuum pumps (NASH), Oil-free compressors (Atlas Copco), ACC (B&W SPIG).

**Dates** : From Apr. 2017 till Oct. 2017

**Employer** : ELSEWEDY (PSP) / SIEMENS

**Project** : Beni Suef 4800MW CCPP

**Job title** : Mechanical Commissioning Engineer

**Job Description** :

- Develop punch items during the pre-commissioning and walks down and closed them with the construction and QC team.
- Design and evaluate technical options for achieving project objectives.
- Achieve Testing and commissioning for Siemens (SGT5– 8000H) gas turbine systems (lube oil, seal oil, lifting oil, hydraulic oil, and fuel gas).
- Complete Testing and commissioning for Siemens (SST5-5000H) steam turbine systems (lube oil, seal oil, lifting oil, hydraulic oil).
- Finished air blowing for the natural gas system.
- Participate in Testing and commissioning for Closed Cooling water system heat is rejected using the heat exchanger.
- Resolved technical problems associated with rotating equipment and mechanical packages/valves are identified and coordinated with the vendor.

**Dates** : From Oct. 2014 till Apr. 2017

**Employer** : Egyptian Army

**Project** : Military Service

**Job title** : Automotive Engineer in workshop at vehicles department

**Job Description** :

- Fixed vehicles in the workshop and arrange maintenance schedule for vehicles.

- Technical Advisor.

- Field of experience :**
- Commissioning & Start-up Engineer with 2+ years experience for combined cycle power plant by preparation and identified punch items during the commissioning and execution of the commissioning, acceptance testing and inspection/measurements within the scope of work defined by the Commissioning Leader.
  - Also Automotive Engineer with 2+ of experience of maintenance and fixed vehicles and Technical Advisor in Army.
  - Skills:
    - Power Plant.
    - Commissioning.
    - Rotating equipment.
    - Field service.
    - Gas Turbine.
    - Steam Turbine.
    - Operation.
    - Maintenance.