

**100613-MEC-18MOS-E-2001**  
**Shift Charge Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has about 14 years hands-on experience working in operation, commissioning and maintenance at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 17/05/1975  
Gender : Male  
Marital Status : Married  
Residence : Assiut

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 2001

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office (Word), Internet  
: Primavera

## TRAINING COURSES AND CERTIFICATIONS

: English courses (till level 7), AUC.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2016 till now  
**Employer** : EL SEWEDY ELECTRIC (PSP)  
**Project** : Beni Suef 4800MW CCPP  
**Job title** : Shift Charge Engineer  
**Job Description** : Operation BOP systems included water intake pumps, service water pumps, clarification system, air compressor, water treatment plant, firefighting system.

**Dates** : From Apr. 2015 till Oct. 2016  
**Employer** : EL SEWEDY ELECTRIC (PSP)

**Project** : Attaqa, Suez, Egypt Siemens (4x160) gas turbine SGT- 2000E  
**Job title** : Shift Charge Engineer  
**Job Description** : Operating 4 gas turbine units as Shift Charge Operation Engineer using Siemens T-3000 system.

**Dates** : From Jul. 2013 till Apr. 2015  
**Employer** : HITACHI (MHI)  
**Project** : Banha (750MW) Combined Cycle Power Plant  
**Job title** : Commissioning Engineer  
**Job Description** :

- Commissioning for CP-109 equipments (CW, BFWP, CP, etc.).
- Make pre-commissioning tasks like motor solo test, air blowing, flashing and chemical cleaning for different systems.
- Good command with DCS (ABB).

**Dates** : From May 2012 till Jul. 2013  
**Employer** : Avec-Ztpc  
**Project** : Abu Qir Thermal Power Plant (2x650MW)  
**Job title** : Commissioning Engineer  
**Job Description** :

- Commissioning and start-up Requirements for Condensate extraction and feed water pumps.
- BOP systems commissioning and start-up (Mazout fuel oil, solar fuel oil, Reboiler system, CCW, CW, LP and HP heaters).
- Good command and deal with DCS (ABB).

**Dates** : From Jan. 2012 till May 2012  
**Employer** : Upper Egypt for Electricity Production  
**Project** : Assiut Thermal Power Plant (2x300MW)  
**Job title** : Boiler Maintenance Engineer  
**Job Description** :

- Boiler preventive maintenance.
- Boiler major maintenance and tube leakage repair.
- Screw and centrifugal pumps maintenance.
- Langjstrom gas air heater major maintenance.

**Dates** : From Aug. 2003 till Jan. 2012  
**Employer** : Upper Egypt for Electricity Production  
**Project** : Assiut Thermal Power Plant (2x300MW)  
The power block consisting of two 300MW units TOSHIBA & ANSALDO with two boiler types CCRRP and natural circulation respectively and each have feed water system consisting of steam turbine feed pump and two motorized feed water pumps.  
**Job title** : Shift Charge Engineer (Operation Engineer)  
**Job Description** :

- Turbine & auxiliaries operation (Toshiba & Ansaldo) and reporting the equipment condition during normal operation, start-up and shut-down.
- Boiler & auxiliaries operation (Mitsubishi & Ansaldo) and reporting the equipment condition during normal operation, start-up and shut-down.
- Feed water pump system which consists of steam turbine feed water pump and two stand by motorized feed pumps (6.3KV).

- During overhaul maintenance of turbine:
  - Participating in the Overhaul Maintenance of Main Steam Turbine (from Nov. 2008 till Jul. 2009 with teams from Ansaldo Energia Company).
  - Participating in the Overhaul Maintenance of Main Steam Turbine (from Jan. till May 2010 with teams from Toshiba).
  - Check Alignment and Run Out.
  - Overhaul Maintenance of various types of Valves (Stop, Combined & Control Valves) for the Steam Turbine.
  - Maintenance of Lubrication System.
  - Maintenance of Pneumatic and Hydraulic System.
  - Maintenance of Pumps (Reciprocating, Gear, Centrifugal & Piston).
  - Overhaul maintenance for large Steam Turbine (casings of HP & IP Turbine, Generator and Valves, etc.) for 325MW units.
  - Make penetration test for all test of turbine.
  - Familiar with the processing of the commissioning and start-up.
  - Familiar with preparing the required spare parts.
  - Familiar with measurement & special tools.

- Further experiences :**
- Making connection & disconnection for electrical circuits of 220KV, 6.3KV.
  - Testing and change over for all mechanical equipment locally and from control room.
  - Good knowledge of security and safety procedures for operation of Thermal Power Plant.
  - Operation of 220KV switchgear.
  - Good dealing for industrial safety requirements.
  - Issue the maintenance requests and follow up the executing work permits with maintenance team.
  - Significant experience on different maintenance work types like:
    - Routine maintenance work.
    - Preventive maintenance work.
    - Predictive maintenance work.
    - Emergency maintenance work.
    - Overhaul maintenance work.