

**100652-MEC-1MOSY-E-2004**  
**Commissioning & Start-up Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience working in operation, commissioning, start-up and maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 29/11/1979  
Gender : Male  
Marital Status : Married  
Residence : Mansoura

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2004

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2000

## TRAINING COURSES AND CERTIFICATIONS

- : At Talkha Power Plant:
- Gas turbine operation course SIEMENS V94.3A - Teleperm XP control system.
  - Training course in security of power plants.
  - Training Course in Heat Recovery Steam Generator and BOP of New Talkha Power Station 750MW Combined Cycle Project in CMI Energy.
  - Training Course in Heat Recovery Steam Generator and Auxiliaries of the New Talkha Power Station 750MW Combined Cycle Project in SKODA PRAHA.
  - Training for Operators of the Appliance Delivered for Skoda Praha for the SIGMA's Pumps.
- : ICDL

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2017 till Jan. 2018  
**Project** : West Assiut 1500MW CCGT  
**Job title** : Commissioning & Start-up Engineer  
**Job Description** :

- Work in commissioning team for project.
- Testing, tuning, calibrating, and troubleshooting DCS and control system for combined cycle power plant.
- Carry out the HRSG & Bop activities such as lube oil, auxiliaries, seal oil, closed cooling, vacuum pump, valves, pipe leak test, gland steam, ACC fans chemical cleaning, steam blow, valves, hp, ip, lp, pumps condensate pump.

**Dates** : From Jan. 2015 till May 2017  
**Employer** : Middle Delta Electricity Production Company  
**Project** : New Talkha 750MW Combined Cycle Project  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Execution of routine / preventive / break down maintenance activities.
- ST main and auxiliary's maintenance.
- Prepare and maintain records / history of maintenance activities.
- Inventory control, preparing budgets.
- Good knowledge of computerized maintenance management system.
- Welding inspection.
- Inspection of CMI heat recovery steam generator.
- Inspection & maintenance of boiler pressure parts / safety valves as per boiler maintenance standard.
- Chemical cleaning of boiler tubes / replacement of tubes as recommended followed by boiler internal inspection.

**Dates** : From Jul. 2013 till Jan. 2015  
**Employer** : Dubai Electricity & Water Authority  
**Job Description** :

- Operation Engineer SIEMENS V94.2A.
- Operation Engineer Desal. unit.
- Power Station Operator WTB unit.
- Power Station Operator MGPS.

**Dates** : From Jul. 2010 till Jul. 2013  
**Employer** : Middle Delta Electricity Production Company  
**Project** : New Talkha 750MW Combined Cycle Project  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Execution of routine / preventive / break down maintenance activities.
- Inventory control, preparing budgets.
- Good knowledge of computerized maintenance management system.
- Inspection of CMI heat recovery steam generator.

**Dates** : From Nov. 2006 till Jul. 2010  
**Employer** : Middle Delta Electricity Production Company

**Project** : New Talkha Power Station 750MW

**Job title** : Gas Turbine Operation Engineer

**Job Description** :

- First Shift Engineer for Talkha Combined Cycle Station of 750MW (from Jan. 2010 till Jul. 2010).
  - Act as first response to emergency situations, take appropriate steps to stabilize the problem as much as possible while simultaneously informing the supervisor and other parties as indicated in the procedures to safeguard the system and possibly personnel.
  - Perform daily routine check and communicate with NCC to control the loads so as to face the Load Demand.
- From Dec. 2008 till Jan. 2010:
  - Operator for ALSTOM (250MW) Steam Turbine.
  - Operator for CMI HRSG.
  - Participate in construction, commissioning, steam blow, By-pass Operation and start-up of ALSTOM DKYZZ3-2N41C (250MW) steam turbine and CMI HRSG.
- From Nov. 2006 till Dec. 2008:
  - Participate in commissioning and start-up of SIEMENS V94.3A gas turbine.
  - Operation of SIEMENS V94.3A (2x250MW) gas turbine - Teleperm XP control system - and associated auxiliary through DCS.
  - Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
  - Performing the unit start-ups and shutdowns per assigned targets.
  - Troubleshooting, effective response to emergency conditions and compliance to safety procedures.
  - Diagnose and resolve day-to-day operational problems.
  - Raising defects for equipment & doing isolation and de-isolation procedures according to the work permit.
  - Perform high/medium voltage switching operations.
  - Handling plant fire fighting.

**Dates** : From Mar. 2006 till Nov. 2006

**Employer** : Company Drinking Water and Sanitation in Dakahlia

**Job title** : Operation & Maintenance Engineer

**Job Description** :

- Make corrective and preventive maintenance of mechanical equipment.
- Operate the station's equipment of engines and pumps.
- Replacement and renewal of water lines and waste water.
- Participate in the programs routine maintenance of the station.