

**102518-MEC-1OSY-E-2006**  
**Mechanical Commissioning Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 14 years hands-on experience working in operation, commissioning and start-up of gas and steam turbine generating units, HRSG and auxiliaries at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 29/09/1981  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2006

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

- : Alstom STG 250MW, Off-shore Operation & Maintenance Training Course for Nubaria III (Jun./Jul. 2010), Switzerland.
- : Alstom STG 250MW, On-shore Operation & Maintenance Training Course for Nubaria III (from Mar. till May 2010), Nubaria.
- : GE (9001FA) Gas Turbines, On-Shore Operation & Maintenance Training Course for Nubaria III (from Feb. till Apr. 2009), Nubaria.
- : SIEMENS (V94.3A) Gas Turbines Basic Operation Training (Jan./Feb. 2008), Nubaria.

## CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2020 till now  
Employer : [EGYPTROL](http://www.egyptrol.com), AC Boilers Subcontractor  
Project : Cairo West Supercritical Power Plant 1x650MW  
Job title : Mechanical Commissioning Engineer

**Job Description** : • Commissioning, equipment test activities for the Boiler.  
• Perform lube oil and control oil flushing for FDF & RAH.

**Dates** : From Oct. 2019 till Mar. 2020

**Employer** : [EGYPTROL](#), Doosan Subcontractor

**Project** : Cairo West Supercritical Power Plant 1x650MW

**Job title** : Commissioning, Start-up & Operation Engineer for steam turbine

**Job Description** : • Pre-commissioning, commissioning, equipment test activities for 1x650 Steam turbine generators.  
• Perform lube oil and control oil flushing.  
• Perform Hydraulic Supply IP/LP & HP by Pass oil flushing.  
• Steam blow for gland steam system.  
• Perform all Steam turbine tests.  
• Perform all start-up check normal operation.  
• Start-up and shut down the unit.

**Dates** : From Aug. 2017 till Sep. 2019

**Employer** : [EGYPTROL](#), AC Boilers Subcontractor

**Project** : West Damietta Power Station 750MW Combined Cycle

**Job title** : Commissioning, Start-up & Operation Engineer for HRSG

**Job Description** : • Pre-commissioning, commissioning, equipment test activities for 4 HRSG units.  
• Perform loop check for all motor valve of HRSG.  
• Perform steam below for HP & LP steam system, Steam blow for gland steam system.  
• Start-up HRSG in Responsibility bypasses then normal operation to steam turbine.  
• Perform all start-up check normal operation.  
• Start-up and shut down the unit.

**Dates** : From Apr. 2016 till Jul. 2017

**Employer** : ALSTOM (GE) Power Generation Company

**Project** : Suez Thermal Power Plant Project - 1x650MW Gas/Oil fired unit

**Job title** : Commissioning, Start-up & Operation Engineer for steam turbine

**Job Description** : • Pre-commissioning, commissioning, equipment test activities for 1x650 Steam turbine generators.  
• Perform lube oil and control oil flushing.  
• Perform Hydraulic Supply IP/LP & HP by Pass oil flushing.  
• Steam blow for gland steam system.  
• Perform all Steam turbine tests.  
• Perform all start-up check normal operation.  
• Start-up and shut down the unit.

**Dates** : From May 2015 till Mar. 2016

**Employer** : STF Company

**Project** : Giza North 2250MW Combined Cycle Power Station (3 modules):  
• Two CTGs x 250MW GE (MS9001FA).

- Two horizontal HRSGs STF.
  - One STG x 250MW Ansaldo Energia.
- Job title** : Commissioning, Start-up & Operation Engineer for HRSG
- Job Description** :
  - Perform loop check for all motor valve of HRSG.
  - Walk down for all line.
  - Perform steam below for HP & IP & LP steam system.
  - Start-up HRSG in Responsibility bypasses then normal operation to steam turbine.
- Dates** : From Jan. 2014 till May 2015
- Employer** : [EGYPTROL](#), AC Boilers Subcontractor
- Project** : Banha 750MW Combined Cycle Power Station:
  - Two CTGs x 250MW GE (MS9001FA).
  - Two horizontal HRSGs Ansaldo Caldaie.
  - One STG x 250MW Ansaldo Energia.
- Job title** : Commissioning, Start-up & Operation Engineer for HRSG
- Job Description** :
  - Perform loop check for all motor valve of HRSG.
  - Walk down for all line.
  - Perform steam below for HP & IP & LP steam system.
  - Start-up HRSG in Responsibility bypasses then normal operation to steam turbine.
- Dates** : From May 2010 till Jan. 2014
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Combined Cycle Power Plant, Modules I & II (1500MW):
  - Two CTGs x 250MW Siemens (V94.3A).
  - Two horizontal HRSGs Alstom.
  - One STG x 250MW Mitsubishi.
  - Modules Auxiliaries.
- Job title** : Shift Charge Engineer
- Job Description** : Operation of 1 module (750MW):
  - 2x250MW GE Gas turbine type 9FA 250MW steam turbine type Alstom, 2 HRSG STF.
  - All auxiliaries (fuel gas and fuel oil Supply system, lube oil system, hydraulic system, compressed Air system, cooling system purge water system).
- Dates** : From Jan. 2008 till May 2010
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Power Station Module III (750MW):
  - Two CTGs x 250MW GE (MS9001FA).
  - Two horizontal HRSGs STF.
  - One STG x 250MW Alstom.
  - Modules Auxiliaries.
- Job title** : Shift Charge Engineer
- Job Description** : Operation of 2 modules (each 750MW):
  - 4x250MW Siemens Gas turbine type V94.3A, 2x250 steam turbine type Mitsubishi, 2 HRSGs Alstom.

- All auxiliaries (fuel gas and fuel oil Supply system, lube oil system, hydraulic system, compressed Air system, cooling system purge water system).

**Dates** : From Sep. 2006 till Dec. 2007  
**Employer** : Cairo Electricity Production Co.  
**Project** : Shoubra El-Kheima Thermal Power Plant 1260MW (4x315MW – Heavy Fuel Oil, Natural Gas)  
**Job title** : Mechanical Engineer

**Field experience:**

- Attending of SIEMENS Gas turbines fuel gas tuning and first start of fuel oil.
- Attending of SIEMENS Gas turbines burners cleaning (chemical & thermal).
- Attending of SIEMENS Gas turbines Minor & Hot gas path inspections.
- Attending of ALSTOM STG 250MW Start-up & Commissioning and reliability test.