

**100776-MEC-1MOSY-S-1999**  
**Maintenance & Commissioning Technician**

Holds a Mechanical Diploma and has over 17 years hands-on experience working as Maintenance and Commissioning Technician at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/03/1981  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: Mechanical Industrial Diploma (Grinding – Machining), 1999

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

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

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2020 till May 2020  
**Employer** : Doosan - Saudi Arabia  
**Project** : SHOAIBA POWER PLANT  
**Job title** : Mechanical Supervisor  
**Job Description** : Mechanical Foreman during the Execution of outage maintenance for 2 ALSTOM steam turbines 450MW.

**Dates** : From Nov. 2018 till May 2019  
**Employer** : Doosan - Saudi Arabia  
**Project** : Rabigh ROMCO Thermal Power Plant  
**Job title** : Mechanical Supervisor  
**Job Description** :

- Steam turbine and generator major overhaul for Doosan steam turbine 700MW at Rabigh 2 Power Plant unit 7 - Saudi Arabia. Overhaul include disassembly of HPT, Replacing Blades for IPT and also inspection of LPA / Lobb steam turbine.

- Inspection of generator and replacing h2 seal ring and rotor machining and adjusting.
- Steam turbine bearing #7, 5 & 6 removal and inspection with NDT, and installation with the required checking i.e. (contact check with shaft, measuring the clearance then final alignment).
- Final alignment LP turbine with generator.
- Make inspection for boiler IDV.

**Dates** : From Aug. 2018 till Nov. 2018  
**Employer** : MDEPC (Middle Delta Electrical Production Company)  
**Project** : NUBARIA POWER PLANT 2250MW  
 (four gas turbines V94.3A (2) Siemens gas turbines and two units Mitsubishi steam turbines type TC2S 250MW)  
**Job title** : Mechanical Supervisor  
**Job Description** :
 

- Minor inspection for Nubaria unit 11.
- Hot gas path inspection for units 21 and 22 of Nubaria Power Station (removing and assembling the turbine casing and replacing the turbine blades and vans).
- Adjustment the pre- and final alignment for all rotating equipment's (Siemens Gas turbine, axial and vertical Pumps, Compressors, fans, etc.).

**Dates** : From Jan. 2018 till Mar. 2018  
**Employer** : Doosan - Saudi Arabia  
**Project** : Rabigh ROMCO Thermal Power Plant  
**Job title** : Mechanical Supervisor  
**Job Description** :
 

- Doing the overhaul maintenance to two DFEM 660MW/60 Hz turbine generators and all related mechanical test.
- Mechanical test i.e. (ventilation, heating, leak test..... etc.).

**Dates** : From Jan. 2017 till Dec. 2017  
**Employer** : SIEMENS  
**Projects** : BURULLUS CCPP 4800MW & New Capital CCPP 4800MW  
**Job title** : Mechanical Supervisor  
**Job Description** :
 

- Work as a Mechanical Supervisor commissioning in Burullus 4800MW CCPP under the supervision and instruction for SIEMENS to complete with Siemens commissioning team the pre-commissioning and cold & hot commissioning for the SGT5-8000H frame.
- Changing the oil box for turbine bearing change turbine bearing tilting pad.
- Erection, installation and adjustment the pre- and final alignment for all rotating equipment', axial and vertical Pumps, Compressors, fans.... etc....).
- Erection, installation and adjustment the pre- and final alignment for all type of valves, heaters.
- Follow up all site mechanical commissioning activities for SIEMENS gas turbines SGT5-8000H in New Capital CCPP 4800MW.
- Erection, installation and adjustment the pre- and final alignment for all rotating equipment' (steam turbine alignment, axial and vertical Pumps,

- Compressors, fans.... etc....).
- Erection, installation and adjustment the pre- and final alignment for all type of valves, heaters.

**Dates** : From Dec. 2015 till now  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Power Station Combined Cycle 2x750MW  
**Job title** : Supervisor at the Mechanical Maintenance Dept.  
**Job Description** :

- Assist in major inspection for Mitsubishi steam turbine (2x250MW) and the same for Siemens GTGs 4x250MW as well I have worked with Technical Advisor Mitsubishi Company and follow up mechanical activity.
- Adjustment the pre- and final alignment for all rotating equipment' (steam turbine alignment, axial and vertical Pumps, Compressors, fans, etc.).

**Dates** : From Jun. 2011 till Dec. 2015  
**Employer** : KHARAFI NATIONAL  
**Projects** :

- Damietta Power Station (4x125MW)
- West Damietta Power Station (4x125MW)
- ISMALIA, EL-SHABAB POWER STATION (8x125MW)

**Job title** : Mechanical Foreman  
**Job Description** :

- Erection, installation and adjustment the pre- and final alignment for all rotating equipment' (gas turbine alignment, axial and vertical Pumps, Compressors, fans....etc....).
- Worked as Commissioning Foreman for GE Heavy Industries Gas Turbines Generating Units, assist in commissioning and start-up for all the related equipment and related auxiliaries for gas turbines. Also for pipe line flushing and assist in start-up all the process and make necessary tests for all the equipment and related pipe lines and commissioning of firefighting system for all GE units, check alignment for all rotating equipment (pumps, compressors, etc.) and GT alignment under supervision for GE (TA).
- In El-Shabab Power Station assist in commissioning and start-up for fuel oil system, water injection and pipe lines flushing, etc.

**Dates** : From Mar. 2010 till Mar. 2011  
**Employer** : Toshiba Heavy Industries  
**Project** : Sidi Krir 750MW Combined Cycle Power Station (CP-118)  
**Job title** : Commissioning Technician  
**Job Description** :

- Help in commissioning and start-up for all the related equipments (circulate water pumps, service water pumps, closed cooling water pumps, high pressure pumps, low pressure pumps and all air compressors).
- Also make pipe line flushing and chemical clean and help for the steam blow process for all steam pipe lines.
- Start-up all the process and make necessary tests for all the equipment and related pipe lines.

- Commissioning of fire fighting system for Sidi Krir Module III.

**Dates** : From Jan. 2003 till Jan. 2010

**Employer** : Middle Delta Electricity Production Company

**Project** : Nubaria Power Station Combined Cycle 2x750MW:  
The units are four gas turbines V94.3A, 2 Siemens gas turbines and two units Mitsubishi steam turbines type TC2S 250MW.

**Job title** : Mechanical Fitter in the Mechanical Maintenance Dept.

**Job Description** :

- Doing the minor inspections together with Siemens (two minor inspections for each unit of the four units (8 times)).
- Replacing of the combustion chamber tiles (ceramic and metallic).
- Removing and re-installing the burners, swirls & inserts.
- Replacing of thermo couples of burners.
- Replacing the igniters of the burners.
- Maintenance of blow off valves.
- Maintenance of Boge compressors.
- Maintenance of trash racks.
- Maintenance of traveling screens.
- Doing overall maintenance of burners and cleaning of swirls for the six gas turbines of Talkha Power Station and Nubaria Power Station (Oct. – Dec. 2007).
- Minor inspection of unit 12 gas turbine of El-Kureimat II Power Station (Jan. 2008).
- Hot gas path inspection for units 11 and 12 of Nubaria Power Station (removing and assembling the turbine casing and replacing the turbine blades and vans) (Feb. – Apr. 2008).
- Minor inspection of Unit 12 gas turbine at Talkha Power Station (Apr. 2008).
- Major inspection of steam turbine at Nubaria (Mitsubishi TC2S 250MW) (May 2008) (removing the casing, removing the fixed vans, inspection of the rotor and inspection of the bearings).
- Minor inspection for El-Kureimat II unit 12 (Dec. 2008).
- Hot gas path inspection for units 21 and 22 of Nubaria Power Station (removing and assembling the turbine casing and replacing the turbine blades and vans) (Feb. – Apr. 2009).
- Major inspection of unit 12 gas turbine Siemens V94 – 3A, remove the casing and remove the blades of the compressors and remove blades for turbines, get out the rotor, inspect the journal and thrust bearing, remove the burners and inspect the natural gas control and stop valves.
- Minor inspection for Nubaria II unit 12 & 21 (Oct. – Dec. 2009).
- Replacing of air intake filters.
- Doing the maintenance schedules (daily – weekly – monthly – etc.).
- Maintenance of the Atlas Copco compressors of the air intake.
- Involved in the cold commissioning of the fuel oil for four units of Nubaria Power Station.
- Involved in the hot commissioning of the fuel oil for four units of Nubaria Power Station.
- Doing overall maintenance of main centrifugal (circulate & service) pumps in Plant.
- Adjustment the pre- and final alignment for all rotating equipment' (axial and vertical Pumps, Compressors, fans.....etc...).

Skills:

- Can deal with all kinds of rotating equipments maintenance.
- Can deal with all kinds of rotating equipments pre- and final alignment.
- Can deal with gas and steam turbines.
- Can deal with axial and cylinder compressors.
- Can deal with screw conveyors.
- Can deal with gearbox.
- Can deal with all kind of pumps leveling pre- and final alignment.