

107119-MEC-158CMSY-S-2006
Mechanical Maintenance Technician

Holds a Diploma in Commerce and has over 11 years experience working in construction, maintenance, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/04/1989
Gender : Male
Residence : Banha, Qalubia

EDUCATION

: Diploma in Commerce, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2024 till Mar. 2024
Employer : PowerForce Global
Project : Al Mirfa Power & Desalination Plant (Outage) (1) Siemens gas turbine Model: SGT5-4000F / 288MW – UAE
Job title : Mechanical Maintenance Technician (Auxiliary Technician)
Job Description :

- Remove and inspection And Maintenance of lube oil systems components such as Ac Pump, Dc Pump, reservoir, centrifugal pumps, coolers, filters, control valves, relief valves, thermostatic valve, blow off valves, cooling valves and other components.
- Perform material and machine inspections using precision measuring equipment such as micrometers, rules, calipers, and torque wrenches.
- Alignment & calibrate Pumps and valves and make a pressure test and replace the old parts such as O Rings, Gaskets, Bearings, Shafts, Packing and other components.
- Supporting Commissioning Start.

Dates : From Jan. 2024 till Feb. 2024
Employer : PowerForce Global
Project : Al Taweelah Power & Desalination Complex (Outage) (1) Siemens gas turbine Model: SGT5-4000F / 288MW – UAE
Job title : Mechanical Maintenance Technician (Turbine Technician)
Job Description :

- Remove and inspection of turbine components such as Blades, IGV, compressor & turbine Casing, bearings, seals, liners, Rotor, combustion Room and other components.
- Perform material and machine inspections using precision measuring equipment such as micrometers, rules, calipers, and torque wrenches.

Dates : From Nov. 2023 till Jan. 2024
Employer : Doosan
Project : Rabigh Power Plant – Major (Outage) of (1) Doosan steam turbine Model: TC4F_40LSB – 700MW, KSA
Job title : Mechanical Maintenance Technician (Turbine Technician)
Job Description :

- Assemble, disassemble, alignment and inspection and repairing of turbine components such LP Inner & Outer Casing, bearings, seals, Rotor, and other components.
- Perform material and machine inspections using precision measuring equipment such as micrometers, rules, calipers, and torque wrenches.
- Supporting Commissioning Start.

Dates : From Oct. 2023 till Nov. 2023
Employer : Doosan
Project : Marafiq Yanbu 2 Power Plant Steam Turbine – Major (Outage) of (1) Doosan steam turbine Model: TCF_33.5” – 276MW, KSA
Job title : Mechanical Maintenance Technician (Valves Technician)
Job Description :

- Assemble, disassemble and inspection and repairing of Valves components such as Cv, Main Stop Valve, Rsv, Icv, Actuators, Valves stem, Strainers, Couplings, Bypass valve, valve disc, and other components.
- Perform material and machine inspections using precision measuring equipment such as micrometers, rules, calipers, and torque wrenches, Bore scope.
- Inspection of all components and make sure of lapping and blue check tests are well.

Dates : From Dec. 2022 till Mar. 2023
Employer : Pangea Resourcing / NOMAC
Project : Shuqaiq Water and Electricity Co. (SQWEC) – Major (Outage) of (2) Mitsubishi steam turbines Model: TC2F_33 – 340MW, KSA
Job title : Mechanical Maintenance Technician (Valves Technician)
Job Description :

- Assemble, disassemble and inspection and repairing of Valves components such as Governor, Main Stop Valve, Rsv, Icv, Actuators, Valves stem, Strainers, Couplings, Bypass valve, valve disc, and other components.
- Perform material and machine inspections using precision measuring

equipment such as micrometers, rules, calipers, and torque wrenches, Bore scope.

- Inspection of all components and make sure of lapping and blue check tests are well.
- Reinstall all components and make sure that all marked parts in correct places and correct direction.

Dates : From Nov. 2022 till Dec. 2022
Employer : Pangea Resourcing / NOMAC
Project : Jubail Plant & Desalination (JOMEL) - (Outage) Inspection of GE Steam Turbine Model: D11 / 308MW, KSA
Job title : Mechanical Maintenance Technician
Job Description :

- Assemble, disassemble, alignment and inspection and repairing of turbine components such as HP, IP, LP Inner & Outer Casing, bearings, seals, Rotor, and other components.
- Perform material and machine inspections using precision measuring equipment such as micrometers, rules, calipers, and torque wrenches.
- Supporting Commissioning Start.

Dates : From May 2022 till Aug. 2022
Employer : FieldCore
Project : Damietta - (Outage) (2) GE gas turbines Model: 9E / 125MW
Job title : Mechanical Maintenance Technician
Job Description :

- Remove and inspection of turbine components such as Blades, IGV, compressor & turbine Casing, bearings, seals, liners, Rotor, combustion Rooms and other components.
- Perform material and machine inspections using precision measuring equipment such as micrometers, rules, calipers, and torque wrenches.
- Alignment of Generator and turbine.
- Supporting Commissioning Start.

Dates : From Feb. 2022 till May 2022
Employer : Sukari Gold Mines, Marsa Allam
Job title : Mechanical Maintenance Technician
Job Description :

- Work as a Maintenance Technician inside the factory. Testing, troubleshooting, alignment, routine equipment's, makes a preventive maintenance for different equipment's.
- Inspection & installation of bearings & measuring clearances.
- Inspection & Maintenance of Valves (Butterfly, Globe, Gate, Swing, Double Disc, NRV Etc.).
- Maintenance & Inspection of Conveyor Belt & Accessories, Gear Box, Fluid Coupling, Compressor, Pumps, Valves, Crushers, Ball Mills, Vibrating Screen, Stacker / Reclaimer & Ancillary, Dust Collector System, Ash Disposal System, Pneumatic Ash Conveying System, Apron & Bucket Conveyors etc.

Dates : From Feb. 2020 till Jan. 2022
Employer : Orascom Construction

Project : Abu Rawash Waste Water Treatment Plant
Job title : Mechanical Technician (Team Leader)
Job Description :

- (Mechanical construction) Raw water pumping station, clarified, air turbo compressor, sludge pumping station, firefighting pumping station, 40 tanks secondary clarified water with accessories, 12 secondary thickener tanks with accessories, 6 primary clarifying tanks, Centrifugal pumps, Gates, Valves, Diesel Generators. Erection, Commissioning and Start-up.
- Erection and operate air turbo compressor, Centrifugal Pumps, Blowers, Valves (Butterfly, Globe, Gate).
- Alignment Pumps, Couplings, bearings & measuring clearances.
- Install, commissioning and start-up fire-fighting pump station, tanks of primary and secondary clarified water. Install, commissioning and start up clarified water pump station, Raw Water Pump station, sludge pump station.

Dates : From Sep. 2018 till Sep. 2019
Employer : Dar El Amar
Project : Egyptian Refining Project, Cairo
Job title : Mechanical Technician
Job Description : (Mechanical construction) Centrifugal pumps, installation, alignment.

Dates : From Nov. 2017 till Sep. 2018
Employer : Orascom Construction
Project : Al-Burullus Combined Cycle Power Plant 4800MW
Job title : Mechanical Technician
Job Description :

- Maintain and troubleshoot and overhaul mechanical equipment's.
- Replacement of filters, gaskets, valve packing, pump alignment, compressors, bearing repacking, and rigging.
- Alignment of pumps Couplings and turbines, Generators.

Dates : From May 2016 till Oct. 2017
Employer : Mariout Engineering and Construction
Project : Beni Suf Combined Cycle Power Plant 4800MW
Job title : Mechanical Technician (Team Leader)
Job Description :

- (Mechanical construction) (1) Steam & (1) gas Turbine Erected - Model: Gas turbine SGT5-8000H, Steam Turbine SST-5000, Siemens.
- Measuring and level and installing Base plate of Generators and pedestals of turbines.
- Hp, Ip, Bearings, Lp Rotor and inner & outer casing.
- Alignment of rotor turbine and generator.
- Install a crossover.
- Supporting Commissioning Start.

Dates : From Feb. 2015 till May 2016
Employer : PSP ELSEWEDY
Project : Attaqa Simple Cycle Power Plant 640MW

- Job title** : Mechanical Technician
- Job Description** :
 - Perform on-site mechanical installation for Gas turbines and its auxiliaries.
 - Generator and its related system installation.
 - Combustion Chambers and its related piping system and hoses installation.
- Dates** : From Dec. 2014 till Feb. 2015
- Employer** : Ansaldo Energia
- Project** : 6th October Power Plant 8x170MW - (Outage) of (2) Gas Turbines Frame AE-94.2. 2x170MW
- Job title** : Mechanical Technician
- Job Description** :
 - Take out the rotor and dismantling and make inspection for damping cones – cooling tubes.
 - Replace the turbine blades and install new coating one.
 - Restacking the rotor.
 - Alignment turbine and generator.
 - Install turbine and compressor inner casings and outer casings.
 - Supporting commissioning start.
- Dates** : From Mar. 2014 till Dec. 2014
- Employer** : ELKROM MIDDLE EAST
- Project** : Giza North Combined Cycle Power Plant 2250MW - (Mechanical construction) (1) Steam Turbine Erected, Rt30Model
- Job title** : Mechanical Technician
- Job Description** :
 - Perform on-site mechanical installation for Ansaldo Energia Steam Turbine (Rt30) as well and the related systems and equipment's.
 - Generator installation.
 - Perform onsite alignment for steam turbine and its auxiliaries.
 - Supporting commissioning start.
- Dates** : From Dec. 2012 till Feb. 2014
- Employer** : ELKROM MIDDLE EAST
- Project** : Banha Combined Cycle Power Plant 750MW - (Mechanical construction) (1) Steam Turbine Erected, Rt30Model
- Job title** : Mechanical Technician
- Job Description** :
 - Perform on-site mechanical installation for Ansaldo Energia Steam Turbine (Rt30) as well and the related systems and equipment's.
 - Generator installation.
 - Perform onsite alignment for steam turbine and its auxiliaries.
 - Supporting commissioning start.
- Field of experience** :
 - Well knowledge of Centrifugal pumps Erection, alignment, trouble shooting, maintenance, inspection.
 - Well knowledge of Gas / Steam Turbines Erection, alignment, maintenance, outages.