

107116-MEC-1CMY-S-2011

Mechanical Maintenance Technician

Holds an Industrial Diploma and has over 11 years hands-on experience of successfully overseeing and completing minor and major overhaul from conception to completion. Has good experience in maintenance of turbine, generator, valves, compressor, pumps, diesel engines & auxiliaries.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/04/1978
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: Technical Industrial Diploma, El-Ras El-Souda Secondary Industrial School, Alexandria

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Advanced Rigging and safe operating for overhead cranes (Jan. 2018).
: Safety and Health training (OSHA) (Oct. 2017).
: Overhead crane operating (Apr. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2021 till Apr. 2022
Employer : Doosan Heavy Industry
Projects :

- Rabigh-2 Power Plant 4x700MW in KSA
- Yanbu Industrial Complex - Power Plant 2x250MW in KSA

Job title : Mechanical Maintenance Technician
Job Description :

- Preventive maintenance as per scheduled.
- Complete major overhaul for steam turbine, generator, condenser & main valves.

- Commissioning Lube oil system flushing, control oil flushing, Seal oil flushing, steam.
- Preparing all equipment to start-up and load test after overhaul.

Dates : From Apr. 2020 till Sep. 2021
Employer : MEGA / Mitsubishi Hitachi Power Systems
Project : South Helwan Steam Power Plant 3x670MW Supercritical (MHPS Frame "TC4F-40.5" Steam turbine 670MW) (Three-cylinder HP-IP, LP1 and LP2 with 24KV generator hydrogen and stator cooling water system and turbine auxiliaries)
Job title : Mechanical Fitter
Job Description :

- Test the equipment according to application.
- Commissioning Lube oil system flushing, control oil flushing, Seal oil flushing, steam blow, initial turning gear, adjustment and check for steam turbine control valve (MSV, GV, RSV & ICV), vacuum up test, first filling hydrogen gas in generator, bypass operation.
- Follow-up performance and operation of the equipment.
- Preventive maintenance as pre-scheduled.

Dates : From Oct. 2019 till Mar. 2020
Employer : Doosan Heavy Industry
Project : Rabigh-2 Power Plant 4x700MW in KSA
Job title : Mechanical Maintenance Technician
Job Description : Overall maintenance for main steam valves of turbine and accessories (screw pumps, gear pumps, plate heat exchanger, shell and tube heat exchanger, valves, centrifugal pumps and main oil tank).

Dates : From Oct. 2011 till Sep. 2019
Employer : West Delta Electricity Production Co.
Project : Abu Qir Power Station New Project 2x650MW
Job title : Mechanical Technician
Job Description : Maintenance of Rotating & Static Equipment such as:

- Rotating Equipment:
 - Steam Turbine and generator: Mitsubishi Heavy Industries, LTD (2x650MW) (Three-cylinder HP-IP, LP1 and LP2 with 24KV generator hydrogen and stator cooling water system and turbine auxiliaries).
 - Pumps (Centrifugal, Axial Flow & Positive Displacement).
 - Air Compressors (Rotary – Centrifugal), Air Receiver & Air Dryers.
 - Reciprocating engine (Diesel generator & diesel fire pump).
 - Hydrogen compressors.
- Static Equipment:
 - Piping System (Main Steam Critical System – Non-Critical System – Lube System – Chemical Feed System).
 - Heat Exchangers (Heaters – Coolers).
 - Different types of Valves (Gate, Butterfly, Check, Ball and Control Valve).
 - Pressure vessels (Reboiler system).
 - Hydrogen generating and storage plant system.

- Nitrogen & carbon dioxide bulk storage system.
- Tanks (Light Fuel Oil, Lubrication Oil, Water, Chemical Tanks).