

Overhaul Inspection Engineer / Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years experience working in maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/01/1992
Gender : Male
Marital Status : Single
Residence : El-Minia

EDUCATION

: B. Sc. in Mechanical Power Engineering, El-Minia University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Hydraulic Systems Basic Industrial Applications, 36 hr., Jelecom.
- : AutoCAD Mechanical 2D, 54 hr., El-Manara International Academy.
- : Training as a Maintenance Engineer at El-Minia Railway Station (2014).
- : Training at Upper Egypt Electricity Production Company (2012).
- : Training at Engineering Automotive Manufacturing Company (2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2019 till now
Project : South Helwan (3x650MW) Supercritical Steam Power Plant
Job Description :

- Working as Overhaul Inspection Engineer (from Dec. 2021 till now) (Responsible for steam turbine generator section):
 - Responsible for disassemble of turbine generator parts like (bearing bracket, bearing, oil seal, grand seal, hydrogen seal ring and hydrogen blower.
 - Responsible for pulling up generator rotor.

- Responsible for inspect and measure clearance of hydrogen seal ring and grand seal.
- Responsible for pulling in generator rotor and re-assemble.
- Responsible for assemble and adjust clearance of generator parts.
- Worked as Overhaul Inspection Engineer (from Jun. 2021 till Oct. 2021) (3-casing reheat turbine 1HP-IP-2 LP Turbine) (Responsible for Low pressure turbine (LP) section):
 - Responsible for preparation special tools for disassemble steam turbine.
 - Responsible for disassemble LP turbine parts (cross over, pedestal cover, upper bearing, dismantling coupling, outer shell, inner shell steam blades, rotor).
 - Responsible for visual inspection for LP steam parts like (bearing, blades and seal strip).
 - Responsible for measurement like (coupling holes, coupling bolts, axial and radial rotor position, axial and radial clearance of blades).
 - Responsible for making alignment and make correction for bearing.
 - Responsible for assemble LP turbine and adjust clearance.
- Working as a Mechanical Maintenance Engineer (from 2019 till now):
 - Responsible for corrective and preventive maintenance for equipment like pumps, compressors, valves.
 - Responsible for change tandem mechanical seal for condensate pump (1750 m³/hr & 34 bar).
 - Responsible for partial dismantling, change gland protective sleeve for 4 vertical pump (2200m³/hr & 3.5 bar).
 - Responsible for making preventive maintenance for centrifugal compressor including disassemble, inspect, change (oil, air) seal and reassemble it again.
 - Responsible for inspect complete punch items.
 - Participate with consultant in testing, commissioning, start-up and receive machine like pump, compressor, crane, oil conditioner machine, valves and pipe rack.

Dates : From Jun. 2017 till Sep. 2019
Project : El-Kureimat (2x627MW) Steam Power Plant
Job title : Site Engineer
Job Description :

- Responsible for steam power plant start-up like boiler system, cooling system, oil system, feed water system, turbine warm up, rolling and sinking.
- Responsible for check up and operate equipment like compressors, pump, oil system, hydraulic oil, boiler, turbine, valves and transformer.

Dates : From Jun. 2016 till Jun. 2017
Employer : Egyptian Iron and Steel Company
Job title : Operation & Maintenance Engineer
Job Description :

- Responsible for operate & maintenance crusher plant in Iron and Steel Mining.
- Responsible for operate and maintenance centrifugal pump, conveyor, belt and stacker.
- Organize the work and work shift, and making needed order.

Dates : From Mar. 2016 till Jun. 2016
Employer : Ascom for Carbonate & Chemicals Manufacturing (ACCM)
Job title : Mechanical Maintenance Engineer
Job Description :

- Participate with team in corrective and preventive maintenance.
- Check up and maintenance equipment like pump, compressor, ball mill, gear box, classifier, and pneumatic system, and backing machine.