102815-MEC-1CM-S-2004
Maintenance Technician for Steam & Gas Turbine

Has over 15 years' experience working in construction and maintenance.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	16/08/1985
Gender	:	Male

EDUCATION

: Refrigeration and air conditioning Camp, Shizar Institute, 2004

: Power Mechanics Division, Ras Al-Aswad Industrial Secondary School, 2002

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Confined space, Toshiba.

: Leaders preparation course, West Delta Power Station.

: Operation cycle of gas units, Mitsubishi.

: Operation cycle of gas units, West Delta Power Station.

: Preparing and equipping boilers with a combined cycle system, NEM.

: Routine maintenance of the steam turbine, Ansaldo.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2009 till now

Project : West Delta Power Station

Job title : Maintenance Technician for Steam & Gas Turbine

Job Description :

- Gas and steam unit operation technician and assistant (from Mar. 2009 till now)
- Work on preliminary preparations for the expensive thermal energy recovery system (from Aug. 2010 till now)

- Various maintenance of gas units, piston and turbine chamber repairs and assistance (from Feb. 2012 till now)
- Overhaul of the steam unit's valve, turbine valve, and work on the condenser (Oct. 2014 – Dec. 2014)
- Initial preparation of the sea station and preparing the pumps (from Jan. 2010 till now)

Dates : From Nov. 2018 till Jan. 2019

Employer : Sanmisr

Job Description : Installation of 125MW Siemens units.

Field of experience :

- Proficient in assembling, positioning, and conducting extensive testing of turbine components. Experienced in conducting a series of tests during commissioning to ensure the gas turbines are integrated efficiently into the power system. Proven experience in carrying out regular inspections, planned maintenance activities, repairs as required, and ensuring compliance with safety and environmental regulations.
- Condenser water box rubber coating - debris filter rotating parts.
- High- and low-pressure valve internal parts inspection.
- Assembly and re-assembly (for the most) of the following equipment's: Pumps (such as feed water, condensate, circulate, service, closed cooling and Waste P/Ps) - Vacuum pumps - Heat exchangers - Rotating Filters (such as debris, self-cleaning and travelling screen filters).
- Attending in 8 Inspection under (MHI Contractor's supervision) as follow: Turbine Inspection (after 16000 operating hours). 2 x units as previous activity on combustor inspection and the additional follow work activities: Removal Turbine Blade Ring (Upper Half) - Removal Seal Ring Housing - Removal Turbine Row & Ring Segment - Removal Turbine Row Vane & Ring Segment - Removal Turbine Blade Ring (Lower Half) - Check of the lube oil system - Bearing maintenance cover for all leak check and cleaning - Modification Support Ring Bolt with cooling whole type - Cleaning Turbine Casing - Water Injection Test of Nozzle. Reinstall Turbine Casing and Tighten Turbine Casing bolt. Cleaning Purge Air Line. Repair Insulation. Combustor Inspection (after 24000 operating hours) x 2 units. Scope of work: Disassembly and re-assembly fuel (oil/gas) branch Piping. Disassembly and re-assembly Sweep Air Pipes and valves. Disassembly and re-assembly Water Injection manifold pipe. Disassembly and re-assembly ignites. Inspect exhaust and cross fire tube, marman coupling (NDT work) NDT Inspection for the follow Items: Top hats Combustor Baskets Transition pieces, Seal & Transition piece U support Bypass elbows.