

Holds an Industrial Diploma and has about 24 years' experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/03/1979
Gender : Male
Marital Status : Married

EDUCATION

: Industrial Diploma (Repair and maintenance of electrical equipment)

LANGUAGES

Arabic : Native Language
English : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Combined Cycle Course - Abu Qir training center (2 weeks).
- : Steam turbine maintenance - Abu Qir training center (2 weeks).
- : Mechanical Measurements - Abu Qir training center (2 weeks).
- : Valves maintenance Course - Abu Qir training center (2 weeks).
- : Pumps maintenance Course - Abu Qir training center (2 weeks).
- : Occupations Safety and health Course - Sidi Krir Power Station.
- : Hoist & Cranes Operations Course.
- : Training course in Japan JICA International.
- : Agency for International Cooperation Detection of metal and cracks and maintenance of repairs.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2008 till now
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Plant

- Job title** : Mechanical Technician for maintenance of Steam / gas turbine and Auxiliaries
- Job Description** :
- 2 gas turbine units and 1 Steam Turbine and auxiliaries Service and maintenance.
 - Inspection and check for:
 - Condenser water box rubber coating - debris filter rotating parts.
 - Equipment alignment with driver and final alignment check.
 - High and low pressure valve internal parts inspection.
 - Assembly and reassembly (for the most) of the following equipment's:
 - Pumps (such as feed water, condensate, circulate, service, closed cooling and Waste P/Ps).
 - Compressors (Air compressor and Gas compressor).
 - Vacuum pumps.
 - Heat exchangers.
 - Rotating Filters (such as debris, self-cleaning and travelling screen filters).
 - Air dryer.
 - Attending in 10 Inspection under (MHI Contractor's supervision) as follow:
 - Combustor Inspection (after 8000 operating hours) x 2 units:
 - ❖ Scope of work:
 - Disassembly and reassembly fuel (oil/gas) branch Piping.
 - Disassembly and reassembly Sweep Air Pipes and valves.
 - Disassembly and reassembly Water Injection manifold pipe.
 - Disassembly and reassembly ignites.
 - Inspect exhaust and cross fire tube, merman coupling (NDT work).
 - ❖ NDT Inspection for the follow items:
 - Top hats.
 - Combustor Baskets.
 - Transition pieces, Seal & Transition piece U support.
 - Bypass elbows.
 - ❖ Disassembly and reassembly Nozzles, top hats and combustor Baskets, Transition pieces, Seal & U support.
 - ❖ Check and cleaning inlet guide vane (1.G.V) angle and Tips.
 - 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.
 - ❖ Check of the lube oil system.
 - ❖ Bearing maintenance cover for all leak check and cleaning.
 - ❖ Alignment check turbine blade.
 - ❖ Modification Support Ring Bolt with cooling whole type.
 - ❖ Cleaning Turbine Casing.
 - ❖ Loose Exhaust Horizontal Bolt.
 - ❖ Water Injection Test of Nozzle.

- ❖ Reinstall Turbine Casing and Tighten Turbine Casing bolt.
- ❖ Reinstall SSS Clutch.
- ❖ Alignment Auxiliary Gear and Torque Converter.
- ❖ Alignment Staring Motor and Torque Converter.
- ❖ Cleaning Purge Air Line.
- ❖ Alignment turning devise.
- ❖ Repair Insulation.
- ❖ Attended the commissioning during start-up units.
- Combustor Inspection (after 24000 operating hours) x 2 units.
- Turbine Inspection (after 32000 operating hours) 2 x units.
- Combustor Inspection (after 40000 operating hours) x 2 units.

- Employer** : Badr El-Din Petroleum
- Projects** :
 - KKMC (King Khalid Military City in Hafar Al-Batin – KSA) - Tripping Westinghouse Gas capacity 30 MB
 - KAMC (King Abd El-Aziz Military City in Tabok – KSA) - Tripping Westinghouse Gas capacity 30 MB
- Job title** : Mechanical Technician of maintenance of Steam / gas turbine and Auxiliaries
- Dates** : 2016
- Employer** : Sumed Petroleum
- Job title** : Mechanical Technician of maintenance of Steam / gas turbine and Auxiliaries
- Dates** : From 2015 till 2016
- Employer** : Weatherford
- Job title** : Mechanical Technician of maintenance of Steam / gas turbine and Auxiliaries
- Dates** : From 2014 till 2015
- Employer** : EMC
- Job title** : Site Mechanical Technician
- Job Description** :
 - Working at Steam Turbine maintenance (ISMW Siemens model in Carbon Black Project).
 - Working at Gas Turbine maintenance (3.5MW in Balaam Port Said Project).
 - Working at Gas Turbine maintenance (3.5MW in Balaam Abo Radees Project).
 - Working at Gas Turbine maintenance in Abo Maady El Mansura Project).
- Dates** : From 1999 till 2008
- Employer** : West Delta Electricity Production Co.
- Project** : El-Siouf Power Plant, Alexandria
- Job title** : Mechanical Technician (Maintenance Technician of steam turbines)
- Job Description** : Steam Turbine Inspections included the following works:
 - Replacement of turbine moving blades.
 - Replacement of turbine vane.

- Inspection and maintenance turbine bearing for oil leak check and cleaning.
- Replacement of some bars of bearing generator.
- Inspection and maintenance heat exchanger for steam turbine units and improvement efficiency.
- Replacement of heat exchangers pipes.
- Inspection and maintenance of High Pressure and Low Pressure Valves.
- Replacement of HP turbine rows.