

Holds an Industrial Diploma and has over 19 years' experience working in installation, commissioning and maintenance. Proficient in turbine assembly, testing and integrating into the power system. Proven track record of carrying out maintenance activities, conducting inspections and repairs to ensure compliance with regulations. Aiming for reliable and efficient turbine operation to ensure uninterrupted power supply.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/11/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: High School Industrial Diploma (Department of Automobile Maintenance),
Egyptian Copper Company School (3 years)

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Steam turbine maintenance (2 weeks) – Abu Qir Training Center.
: Combined Cycle Course (2 weeks) – Abu Qir Training Center.
: Valves maintenance Course (2 weeks) – Abu Qir Training Center.
: Pumps maintenance Course (2 weeks) – Abu Qir Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2008 till now
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Plant, Alexandria
Job title : Mechanical Technician (maintenance of Steam / Gas turbine & Auxiliaries)

Job Description	:	<ul style="list-style-type: none"> • 2 Gas turbine units and 1 Steam Turbine and Auxiliary's service and maintenance. • Inspection and check for: <ul style="list-style-type: none"> - Condenser water box rubber coating - debris filter rotating parts. - High- and low-pressure valve internal parts inspection. • Assembly and reassembly (for the most) of the following equipment's: <ul style="list-style-type: none"> - 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 Inspections under (MHI Contractor's supervision) as follow: <ul style="list-style-type: none"> - Turbine Inspection (after 16000 operating hours), 2 units - as previous activity on combustor inspection and the additional follow work activities: <ul style="list-style-type: none"> ❖ 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. ❖ Re-install Turbine Casing and Tighten Turbine Casing bolt. ❖ Cleaning Purge Air Line. ❖ Repair Insulation. - Combustor Inspection (after 24000 operating hours), 2 units – Scope of work: <ul style="list-style-type: none"> ❖ 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, marman 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 (I.G.V) angle and Tips.
Dates	:	From Dec. 2023 till Mar. 2024
Employer	:	Doosan
Project	:	Rabigh, KSA
Job Description	:	<ul style="list-style-type: none"> • Successfully conducted maintenance. • Work on a 750MW steam turbine, valve stop and control, and a pump.

Dates : Oct. 2023
Employer : Doosan
Project : Al-Marafeq 2, Yanbu
Job Description : Commissioning 350MW steam turbine.

Dates : Nov. 2019
Employer : Pico Petroleum Co.
Project : Badr Eldin Petroleum Company
Job title : Mechanical Technician
Job Description : Working at Gas Turbine (Change Combustor Chambers) for units 50MW.

Dates : May 2018
Project : Egyptian Liquefied Natural Gas Co. (ELNG)
Job title : Mechanical Technician
Job Description : Working at Gas Turbine (Combustor Inspection).

Dates : Jan./Feb. 2013
Employer : Egyptian Maintenance Company (EMC)
Project : Carbon Black Project
Job title : Mechanical Technician
Job Description : Working at Steam Turbine maintenance (15MW - Siemens model).

Dates : From Mar. 2005 till Feb. 2008
Employer : West Delta Electricity Production Co.
Project : El-Siouf Power Plant, Alexandria
Job title : Mechanical Technician (maintenance of steam turbines)
Job Description :

- Inspection and maintenance turbine Bearing for oil leak check and cleaning.
- Inspection and maintenance heat exchanger for steam turbine units.
- Replacement of heat exchangers pipes.
- Inspection and maintenance of Feed water pump, cooling water pump, condensate pump.

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.