

Holds a B. Sc. in Mechanical Power Engineering. Has more than 5 years hands-on experience in maintenance of Mechanical Rotating Equipment (Gas Turbine, Pump, Compressor, Air Fan Cooler, Blower) and is certified in construction and maintenance of Gas Turbine by ELC (Energy Learning Center) through (7EA-7FA) Gas Turbines, Auxiliaries Operation and Maintenance training course of GE (General Electric Company).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/10/1982
Marital Status : Single

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD and Mechanical Desktop

TRAINING COURSES AND CERTIFICATIONS

- : 7EA-7FA Gas Turbine Program (7E-F GT) at GE Energy Learning Center (ELC):
 - Environment-Health-Safety (EHS) course.
 - Basic Engineering Technology for Gas Turbines.
 - Design and construction of Heavy Duty Gas Turbine.
 - Fundamentals of (7EA-FA) Gas Turbines.
 - Effective presentation and how to find any technical information through E-Tools of (GE).
- : EHS Core Competency Training Program at Granite Service International (GSI), Cairo, Egypt (in 2008 & 2009).
- : EHS Core Competency Training Program at GE Energy Facility Center, Jabil Ali Free Zone, Dubai, United Arab Emirates.
- : Fundamentals of Pumps in Petroleum Industries at Head Office of Egyptian Maintenance Company (EMC), Cairo, Egypt:
 - Classification of pump.
 - Design and Construction.

- Pump Performance and Efficiency.
 - Trouble shooting.
 - Lubrication and Scheduled maintenance.
- : Lifting operation and lifting equipments check by SGS, International Institute in EMC Training Center.
- : End pro-scope tool operation and uses course in EMC Training Center.
- : GE Oil & Gas procedure training course in how to carry out Hot Gas path, Combustion inspections, and blades replacement in Petroleum Complex Center.
- : Stand Down safety training course (online) by Granite Services International, Inc by North Africa HSE Manger.
- : Alignment For Rotating Equipments Course in EMC Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2008 till now

Employer : Granite Services International Inc (GSII), owned by General Electric (GE) Energy

Job title : Mechanical Technical Advisor

Job Description :

- Hot Gas Path Inspection (HGPI) of Frame 6B GE Gas Turbine 2x36MW, Nigeria "Nigeria Liquefied Natural Gas (NLNG)".
- Hot Gas Path Inspection (HGPI) of MS 5002D+ GE Gas Turbine 6x25MW, Idco, Egypt, Egyptian liquefied Natural Gas (ELNG).
- Replacement of DE & NDE of "3MCL1405" Nuovo Pignone Centrifugal Compressor, Idco, Egypt.

Dates : From Jan. 2007 till Sep. 2008

Employer : Egyptian Maintenance Company (EMC)

Projects :

- ELNG "Egyptian Liquefied Natural Gas", Idco, Egypt
- ADHOC TEAM "LNG Plant", Idco, Port Said, Alexandria, Egypt
- MIDOR "Middle East Oil Refinery", Alexandria, Egypt
- GUPCO "Gulf of Suez Petroleum Co.", Port Said, Egypt

Job title : Mechanical Field Service Engineer

Job Description :

- QA&QC for new material in and old material out for 6 Gas turbines (MS5002D) Nuovo Pignone - ELNG, Idco, Egypt.
- Combustion Inspection for MS 5002D, MS5002D+ GE gas turbine by replacing secondary fuel nozzle, Liner Cap, Liner, Retainers, cross fire, tube and transition piece in – ELNG, Idco, Egypt (four times).
- Hot Gas Path inspection for MS 5002D GE gas turbine by replacing first stage nozzles and second stage nozzles variable angles (visual inspection) first stage buckets replacement and update the turbine blades from D Extender to D+ Extender and check the clearances in Egyptian-LNG plant (four times).
- Replacement of dry gas Seal, tertiary seal, journal bearing pads & thrust bearing Pads for 3MCL1405" Nuovo Pignone Centrifugal Compressor in - ELNG, Idco, Egypt.
- Overhaul maintenance for (Centrifugal, Immersed, Submerged, and Plunger type pump, high speed pumps, and low speed pumps) in MIDOR, Alexandria, Egypt.

- Overhauling maintenance for more than 100 fan coolers (induced & forced - Fixed blades, Variable blades) in MIDOR, Alexandria, Egypt.
- Overhauling for Dresser-Rand and Nuovo Pignone Reciprocating Compressors in MIDOR Site, Alexandria, Egypt (15 times).
- Overhauling for MAN TURBO six stages Centrifugal Compressor (bearing replacement, stages balance, shaft balance, shaft replacement) in MIDOR Site, Alexandria, Egypt (3 times).

Dates : From Nov. 2005 till Dec. 2006
Employer : Watania Company for Industrial Installation, Alexandria, Egypt
Job title : Mechanical Supervisor
Job Description : Installations of pipelines of Fire Protection and Air Condition systems with their pumps and sprinklers and diffusers.

Further Experience :

- Q.H.S.E. Activities:
 - Attending weekly safety meetings, hazard classification and control, taking action against near misses, preparing risk assessment, tool box talk and work permits for planned jobs, department representative internal audit and ISO.
 - Complying with Client Health, Safety and Environment Management System (HSE-MS) and conducting Toolbox meetings with subordinates for discussing safety and methods of completing job tasks.
 - Ensuring that good safety performance is recognized and recorded especially for the work permits and isolation certificates before maintenance activities commencement.
- Planning Activities:
 - Daily, weekly and monthly reports, material requisitions, KPI, work orders.