

Holds a B. Sc. in Mechatronics Engineering and has about 11 years experience in maintenance of mechanical equipment.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/07/1982
Gender : Male
Marital Status : Married
Residence : Currently Iraq

EDUCATION

: B. Sc. in Mechatronics Engineering, Higher Technological Institute, 10th of Ramadan City, 2004
: Secondary Education: Nasser High School, Cairo, 1999

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Solid Works
: SAP

TRAINING COURSES AND CERTIFICATIONS

: LUKOIL LME BASRAH safety induction course, H2S awareness course, PTW system and SAP.
: Qatar Gas Ras Laffan safety induction course, H2S hazards and confined space entry course.
: Egyptian LNG safety induction course.
: Spanish Egyptian LNG safety induction course.
: Mitsubishi gas turbine F701 on-shore site training maintenance, the training covered the following topics: gas turbine overview, inlet casing section, compressor combustor section, turbine cylinder section and exhaust cylinder section.

- : ALSTOM Power Generator Company, on-shore Site training steam turbine generator and Auxiliaries, held at site, Cairo North II Power Plant 750MW, the training covered the following topics: Steam turbine casing and bearing – Valves – Filters – Coupling – Special tools – Turbine auxiliaries – Maintenance and overhaul recommendation – Generator) (Mar. 2008).
- : NEM Company HRSG (heat recovery steam generator) on-shore site training maintenance course, held at the Cairo North Power Station, the training covered the following topics: Maintenance of an HRSG – item to be inspected on the outside HRSG – on the flue gas – steam and water side deaerator – IP steam drum – LP steam drum – HP steam drum – Valves – pumps – expansion connections) (Sep. 2007).
- : Tapproge on-shore site training Ball cleaning system for condenser tubes training operation & maintenance.
- : John Crane Egypt, on-shore site training Pump component, mechanical seal and coupling installation and maintenance.
- : On-shore site training Traveling water screen system operation & maintenance.
- : Egyptian Company for Conveyances Manufacture "Ghabour".
- : Programmable Logic Control "PLC" in Higher Tech. Inst.
- : Computer engineer drawing, CAD in Higher Tech. Inst.
- : Computer Aided Manufacture, CAM in Higher Tech. Inst.
- : Egyptian Company for engineering industrial and air condition (Unionair).
- : Suez Company for oil (SUCO).
- : Training at Electronics Art Center EAC, which contains of: Introduction to electronics - Semiconductor - Logic Circuit - PCB mounted using photo resist - Type of ROMS & EEPROM Applications - Power electronics - Microcontroller using peripheral Interface Controller PIC.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2017 till now
- Employer** : Weir Oil & Gas, BASRAH – IRAQ
- Project** : LUKOIL POWER STATION GTPP West Qurna 2, 3 x GE frame 6B GT
- Job title** : Lead Mechanical Engineer
- Job Description** :
- Outages Team Leader, hot gas path inspection for two GT frame 6B.
 - 12000 Hr. inspection for Cameron WH64 gas compressor.
 - 16000 Hr. and 8000 Hr. for Cameron WH64 gas compressor ongoing.
 - Supervise preventive, corrective maintenance and overhauling activities.
 - Prepare PTW including method statements, JRA, isolation certificates and lifting plan.
 - Using SAP system to create notifications.
 - Organize routine maintenance schedules.
 - Allocate work to a team of fitters.
 - Check tools for mechanical activities and make sure they are accurate.
 - Carry out quality inspections and implement HSE.
 - Responding immediately to machinery breakdowns
 - Responsible for implement lifting activity.
 - Keeping operations managers updated of progress.

Dates : From 2009 till 2017
Employer : EGYPTIAN MAINTENANCE COMPANY (EMC)
Job title : Head of Turbines Maintenance Department
Job Description :

- Basic Function: Technical, administration and commercial management of the contract to achieve optimum utilization and best administration of the project.
- Responsible for perform all planned and corrective maintenance for GPC power station.
- Respond to customer technical inquiries for operation of plant and major overhaul performing.
- Coordinate site activity such as "spare parts receipt, parts inventory, maintain operation records and history".
- Responsible for preparing tools and list of supporting material that will be using during shutdown.
- Record all activities done during the work, finalizing the daily reports, in additions to preparing the final report.
- Playing essential role for creating and gaining the trust of the customer through commitment to the contract and being consistent in the word and action with the customer along the route.
- Follow up the monthly invoices, time sheets and manage the project budget.
- Shutdowns Details:
 - Quality Inspector on major overhaul inspection for GE 9E gas turbine and minor inspection for MCL&3MCL gas compressor at Qatar Gas Train 7 via GE oil & gas.
 - Team Leader on Modular Replacement for GE Nuovo Pignone 5002D gas turbines at Egyptian LNG site for train 1 & 2 (12 turbines).
 - Power crystal modification for GE Nuovo Pignone 5002D gas turbines at EMC's workshop (3 Gas Turbines).
 - Team Leader on Major overhaul inspection for GE Nuovo Pignone 7001EA gas turbines at Spanish Egyptian LNG (SEGAS) site.
 - Team Leader on Major overhaul inspection for Mitsui gas turbines SB_30C (2 GT).
 - Team Leader on up gradation of turbine control system and fuel gas control valve for Mitsui gas turbines.
 - Team Leader on Major overhaul inspection for Sulzer gas turbine type 1 (2 GT).
 - Installation of Power Management System PMS for GPC power station.

Dates : From 2007 till 2009
Employer : Cairo Electricity Production Company
Project : Cairo North Power Station
 2x750MW Combined Cycle Power Plant, (2x250MW) General Electric (GE) gas turbine frame MS 9001FA, (2x250MW) MITSUBISHI Heavy Industries gas turbine frame M701F, (250MW) Hitachi steam turbine, (250MW) ALSTOM steam turbine, (4x125) NEM HRSG, EMIT water treatment plant and KSB (Closed cooling pump, condensate pump, circulating water pump and Boiler feed pump)
Job title : Mechanical Maintenance Engineer

- Job Description** :
- Essential Functions and Key Responsibilities:
 - All inspections for GE gas turbine 9001FA and Mitsubishi gas turbine M701F.
 - Maintenance of water treatment plant.
 - Maintenance of HRSG and auxiliaries.
 - Shutdowns Details:
 - April 2007: the end of warranty inspection for MHI Gas Turbines M701F Unit # 1 (250MW).
 - May 2007: Combustor inspection for MHI Gas Turbines M701F Unit # 2.
 - Jan. 2008: Combustion system corrective maintenance for GE MS 9001FA GT.
 - April-May 2008: the end of warranty inspection for Gas Turbines GE MS 9001FA Unit #3 and Unit # 4 (250MW).
 - Lifting the Turbine Rotor, and Changing of turbine tilting pads bearings.
 - Generator inspection (Removing the rotor) and Machining of the Scratches around the rotor in unit #4 only.
 - Changing of Generator (turbine and collector End shield hydrogen seal rings, bearings # 1 & 2).
 - Flushing of Lube Oil system and cleaning of oil tank and modification of Lube and seal oil pumps.
 - Changing of bypass stack silencer.
 - Changing of diverter damper sealing sheet metal.
 - Hot gas path inspection for MHI Gas Turbines M701F units # 1 & 2 (250MW).
 - Cleaning oil cooler for GE gas turbine "plate type heat exchanger supplied by ALFA LAVAL".
 - Bearings inspection for ALSTOM steam turbine.
 - Changing of ALSTOM Excitation Slip rings Shaft.
 - Changing of HITACHI condenser circulating water inlet debris filter rotor and gear unit.
 - Changing of NEM HRSG # 1 HP economizer # 2 drain pipe.
 - Modification of TUROMECCANICA Condensate Pump thrust bearing Lube oil system (add cooler).

- Field of experience** :
- Degreed Mechanical Engineer with 11 years of experience in combined cycle power generating stations and oil & gas sites as Maintenance Engineer for Gas Turbines – Steam Turbines – Pumps – Gearboxes – Water Treatment Plant – HRSG – Valves – Gas Comp.
 - Support and perform long term global maintenance contract between EMC and clients across oil & gas sector in Iraq.
 - Ensure that all operations run on-time, within budget, and adhere to company and client QHSE requirements.
 - Leading maintenance team to carry out all kind of maintenance for Machinery, along with putting the organization chart of the field work by distributing the team members utilizing them in performing different tasks according to their qualifications.
 - Extend full support to the team work by providing them by all technical Information, drawing and working with them hands on especially during the critical tasks like Clearances Measurements and Critical Lifting Tasks.
 - Gas Turbine experience:

- GE 5002D.
- GE 6B.
- GE 7E.
- GE 9E.
- GE 9FA.
- MHI M701F.
- Sulzer Type1.
- MES SB30C.
- Other experience:
 - Steam Turbines.
 - Reciprocating Comp.
 - Axial Comp.
 - Pump.
 - Gearboxes.
 - HRSG.
 - Valves.
 - Diesel Gen.
 - TROUBLESHOOTING.
 - NDT - PT.