

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Design of pipelines, pumps and turbines. Has over 14 years hands-on experience in construction & maintenance of Rotating equipments such as gas & steam turbines, pumps, boilers, compressors, valves, heat exchange, etc.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/09/1978
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2002
: Diploma in Design of pipelines, pumps and turbines, Cairo University (1 year)

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

- : On-shore trainings in Egypt:
 - ALSTOM POWER SYSTEMS steam turbine generators & auxiliaries maintenance.
 - HITACHI steam turbines & auxiliaries (CW pumps, condenser vacuum pumps, and TAPPROGE filters, ball cleaning systems).
 - SIEMENS AG (for Gas Turbine Maintenance and its auxiliaries).
 - GE gas turbine maintenances and its auxiliaries.
 - CMI ENERGY Heat Recovery Steam Gen. (HRSG).
 - Skoda Praha HP, IP, LP Feed water and condensate pumps.
 - Delta Company for Electronics (B&K Vibro Technical) Course in Machinery Measurement and analysis (vibration analysis) (1 week).
 - UHDE GmbH FERTILIZERS GERMAN COMPANY (Constructions & Site Safety).

- DEMAG TEREX GERMAN COMPANY (Hydraulic Circuits & 1200 & 1000 big and heavy duty Lifting CC & TC Cranes, equipments, Lifting Process & inspections testing and Safety) (2 months).
 - KONECRAN: installing and maintenance on overhead cranes. LOAD tests & inspections.
- : ALSTOM Power Systems in Mannheim – Germany (steam turbines Generators and auxiliary maintenance off-shore course) (31 days).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2018 till now
Employer : Upper Egypt Electricity Production Co. (UEEPC)
Project : EL-KUREIMAT POWER STATION (COMBINED CYCLE PROJECT 2x750MW)
Job Description : Shift Leader Maintenance Field Service Engineer for (gas & steam) turbines dept. and auxiliaries inside the plants coordination – managing mechanical technical activities, troubleshooting outage shutdown maintenance works.

Dates : From Sep. 2017 till May 2018
Job Description : Private maintenance job in KSA.

Dates : From Apr. 2017 till Aug. 2017
Job Description : Shift Lead Engineer Siemens gas turbine V94.3A.SGT5-4000F (2x250MW) hot gas path inspection & air cooled generator major inspection.

Dates : From Oct. 2013 till 2016
Employer : Upper Egypt Electricity Production Company (UEEPC)
Project : EL-KUREIMAT Combined Cycle Power Station (2x750MW)
Job Description :

- Shift Leader Maintenance Engineer for Hitachi STG HP (CMV) Failed Inspection & maintenance installation of new modifications HP Turbine Steam Leakage major inspection.
- Maintenance Shift Leader as Quality Advisor Engineer for Siemens gas turbine V94.3A.SGT5-4000F (2x250MW) major inspection (from Apr. 2014 till Nov. 2014) (from turbine casing assembly & disassembly, Rotor de-stacking, Assembly & Disassembly Turbine and generator bearings assembly and disassembly inspection measurements.
- Maintenance Leader Engineer for HITACHI STG 264MW (SIEMENS & GE9FA GT 3x250MW) MAJOR INSPECTION (AIR AND HYDROGEN COOLED GENERATORS) Assembly, Disassembly Maintenance, Measurements - TESTING & COMMISSIONING.

Dates : From Feb. 2013 till Sep. 2013
Employer : HITACHI Ltd HPT - Somitomo Corporation
Job Description :

- Site Maintenance & Supporting Mechanical Engineer for 275MW steam turbine during warranty inspection at El-Kureimat Power Station combined cycle (managing – coordination all mechanical technically maintenance activity).
- Service Piping Engineer at Banha Power Station combined cycle for Hitachi Ltd inside Egypt.

- Consulting Engineering Company: Inspection Engineer for boiler & HRSG piping supports Sidi Krir & Suez Gulf Power Generations (2x700MW) cold & hot conditions and settings.

Dates : From Feb. 2006 till Feb. 2013

Employer : Upper Egypt Electricity Production Company (UEEPC)

Project : EL-KUREIMAT Combined Cycle Power Station (2x750MW)

Job Description :

- Maintenance Field Engineer for HITACHI TCDF-40 steam turbine 265MW and auxiliaries inside the plant and Shift Leader during warranty inspection. Troubleshooting and repairs.
- Materials Control Engineer responsible for spare parts & special tools recommended as per contract specs for the steam turbine.
- Maintenance Shift Leader Engineer for ALSTOM DKYZZ3-2N41C steam turbine 270MW and auxiliaries inside the plant.
- Turbine and generator bearings assembly and disassembly inspection measurements.
- HP/IP Combined Main Valves assembly & disassembly inspections, checks and repairs.
- Supervision in overhaul maintenance for STG HP/IP/LP Repair & Reblading of the Rotor & Satror diaphragms and valves.
- HITACHI & ALSTOM Steam Turbines Borescope Inspection Engineer. Share in with overhaul in Cairo North overall inspection.
- Maintenance & Inspector Mechanical Engineer supervision for Gas turbines SIEMENS V94.3A.SGT5-4000F (2x250MW) auxiliaries, systems, skids involved in Overhauls maintenance.
- Responsible in (Minor, Hot Gas Path Inspection (HGPI) & MAJOR INSPECTION for gas turbines 2x250MW (Siemens AG, PG) with Borescope, Vedioscope inspection, compustion chamber inspections and repairs, Rotor blades & upper and lower inner half's blades assembly and disassembly.
- Responsibility Engineer of spare parts and all special tools for turbine maintenance process.
- Maintenance Engineer for GE Gas turbines (9FA) 2x250MW inside the plant, share in Gas Turbine combustion inspection (CI, HPGI) & MAJOR INSPECTION.
- Broscope, Vedioscope Inspector for MITSUBISHI Gas Turbine at Cairo North 750MW (CI & HGPI inspection).
- Borescope, Vedioscope Inspection Engineer for GE gas turbine (9FA) 2x250MW during the GT CI & HGPI CAIRO NORTH Power Station.
- Testing & Commissioning Mech. Engineer for GT 2x250MW and Auxiliaries. Furthermore the start-up of the power plant.
- Construction Engineer for Rotating equipments as Gas Turbine SIEMENS V94.3A.SGT5-4000F and auxiliaries, pumps, compressors, during construction of the plant. According to international Codes and Standards. Drawings and shop drawings design reviews.
- Construction & Maintenance Engineer for C.W. PUMPS, Closed cooling, Service water and Sump pumps, condensate, recirculation HRSG Pumps ...etc.

Dates : From Sep. 2004 till Feb. 2006
Employer : Egyptian European Petroleum for Petro Services Co. (E.E.P.S)
Project : Petrochemicals & OIL and GAS Service Company
Job Description :

- Site Construction Engineer, supervision to share in Lifting and Constructing as following: Executed lots of jobs as absorber, disrober, Reactors, drums, vessels, heat exchangers in (Petro Chemical Alexandria Fertilizers and Helwan Fertilizers plants (Urea and Ammonia production). Sub-Contractor of UHDE Germany Comp, PETROJET sites for fertilizers plants & petrochemicals.
- Mechanical Handling Engineer Oil & Gas Industry.
- Gas facilities Companies assembly and installation for the heavy equipments.

Dates : From Mar. 2004 till Sep. 2004
Employer : SEGMA Co. for Engineering Contracting
(Sub-Contractor of DSD and ORASCOM CI)
Project : Cairo North Power Station (2x750MW)
Job title : Site Engineer
Job Description : Responsibility of boilers and Steam Pipe Lines Insulations and cladding Constructions.

Field of experience :

- Construction, testing, commissioning and maintenance of Rotating equipments as gas & steam turbines, generator, pumps, boilers, compressors, valves, heat exchangeetc.
- Power Plant (turbines maintenance) Mechanical Lead Training Instructor.