

Holds a B. Sc. in Mechanical Engineering and has over 17 years hands-on experience in construction, maintenance, operation, start-up and commissioning of several Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/10/1967
Gender : Male
Marital Status : Married
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 1991

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Operation & maintenance for gas turbine MHI—M701F (JAPAN, 2008).
: Operation & maintenance for gas turbine MHI—M701F (EL-ATF Site, 2009).
: Operation & maintenance for Steam Power Plant.
: Fire fighting training.
: Operating & maintenance of pumps.
: Hydrogen Generation Plant.
: Cranes.
: Service Gas System.
: Fuel Oil Treatment.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2007 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : EL-ATF Combined Cycle (2x250MW) Power Station

- Job Description** : Maintenance Engineer for MHI - M701F:
- Mar. 2010 - Combustion inspection (14 days x 2) two units.
 - Combustor Basket, transition piece, CFT, INSPECTION & NDT.
 - Fuel Nozzle cleaning, spray test & NDT.
 - Nov. 2010 - Turbine inspection (24 days) - CTG1.
 - Turbine blades & vanes inspection.
 - Bypass ring, Ring segment, IGV mechanism INSPECTION.
 - Seal Housing Inspection & Alignment.
 - INLET & EXHUST Duct INSPECTION.
 - Feb. 2011 - Turbine inspection (31 days) - CTG2.
 - Gas Turbine Aux. maintenance (pumps, compressors, valves & H.EXH.).
- Construction Engineer:
- For the following contract: Contract No.10053-CP-101 (Combustion Turbine Generator & Auxiliaries).
 - Responsible for supervising technical specification and construction activities, supervise the contract package schedule and related financial, technical specifications for approving designs & submittals from vendors and check the suitability of the submitted specifications to the required contracted specifications, which also includes assigning the incompatible specifications and making additional implementations if necessary.
 - Attend mechanical activity progress meetings and make sure that site activities are in line with project schedule.
 - Coordinate all mechanical activities (mechanical equipment installation) with other disciplines i.e. Civil, Electrical.
 - Review and approve MRR's (Material Receiving Reports).
 - Review and approve contractors' progress invoices.
 - Monitor and attend all Types of NDT's.
 - Making the alignment of Gas turbine MHI - M701F.
 - Follow up the project daily works (piping, welding and all auxiliary equipment construction by insuring good safety practices in work).
 - Approving designs & submittals, site acceptance tests, commissioning, start-up and spare parts amount optimization regarding to the cost of each spare part for gas turbines and their auxiliaries equipment like fuel gas skid, fuel oil skid, lube oil unit, hydrogen unit, etc.
 - The above mentioned operations were actually done for Gas turbine MHI - M701F.
- Supervisor for installation, start-up and commissioning:
- Material Control Engineer follow-up.
 - For the following contract: MHI - M701F Contract No.10053-CP-101 (Combustion Turbine Generator & Auxiliaries).
 - Good knowledge with various material standards (ASME, ASTM, API, etc.).
 - Packing list of materials/equipments.
 - Inspection (equipment and material check) and making (MIR).
 - Unloading, classification, arrangement (materials/equipments).
 - Receiving materials/equipments.
 - Storing and making (MRR).
 - Manage the materials/equipments with construction departments.
- Dates** : From Jan. 2007 till Apr. 2007
- Project** : El-Kureimat Power Station

- Job title** : Commissioning & Start-up Engineer
- Job Description** :
 - Technical Support SIEMENS V94.3A2 (SGT5-4000F).
 - Pipe lines flushing, Motor Heat test, Performance test & Reliability.
- Dates** : From May 2005 till Dec. 2006
- Project** : Mahmoudia Power Station
- Job title** : Maintenance Engineer
- Job Description** :
 - Preparing of routine, preventive and breakdown maintenance of gas turbines.
 - Coordinate all mechanical activities (mechanical equipment maintenance) with other divisions i.e. Civil, Electrical.
 - Ensuring good safety practices in work.
 - COMBUSTOR Inspection.
- Dates** : From Feb. 1995 till Apr. 2005
- Project** : Mahmoudia Power Station
(GE units (8x25MW) & Steam Turbine (58MW))
- Job title** : Operation Engineer
- Field of experience** :
 - Experience in preparation of site activity planning, leading the construction team till successful start-up and handover to the client construction safety practices, Material take off, man power /equipment, requirement, understanding of ISOMETRIC and P&ID drawing coordinate with QA/QC and pipe line installation, commissioning and start-up of Gas Turbine & and its auxiliaries, under & above ground piping, pumps and valves.
 - Gas turbines maintenance (MHI & GE) and its auxiliaries.
 - Contractor Package studying, analysis and evaluating: CP-101, CP-118, CP-109.
 - Experience in pipe lines flushing & pressure test.
 - Pumps installation, alignment & maintenance.
 - Experience in NDT (non destructive test).
 - Spare parts preparation.
 - Troubleshooting analysis.
- Further experiences** :
 - Commissioning of different pump types (circulation pumps, service water pumps, closed cooling pumps, etc.).
 - Potable water pipes.
 - Fire protecting gas system.
 - Fire protecting system (building, administrative office, warehouse, any yard).
 - Fire protecting piping of fuel tanks (foam system, cooling system) high voltage transformers (deluge system) powers block, cable room, equipment).