

Holds a B. Sc. in Mechanical Power Engineering and has over 8 years hands-on experience working as Mechanical Works & Commissioning Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/07/1992
Gender : Male
Marital Status : Married
Residence : Damietta

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Programming: C, C++, Matlab
: Design: Catia, AutoCAD, Inventor, 3d max

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- MOBCO for fertilizer industry (2013).
- Company of container handling, Port of Damietta (2012).
- Kafr El-Batekh Power Plant (combined cycle) (2011).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2021 till now
Employer : Al-Hashemiah International Contracting Company (HICC)
Job title : Projects Engineer
Job Description :

- Plan, supervise and coordinate all activities in different EPC projects.
- Studying tender documents, the pre-design datasheet, and project drawings to get the specifications and primary quantities for the EPC projects (power, water, Oil and gas industries).

- Assist the project manager in choosing the different alternatives available in any decision by comparing the cost impact of each alternative.
- Investigate and highlight any significant variances to support effective performance and cost control.
- Responsible for all types of Valves maintenance projects and Siemens Steam turbine replacement project SST300 in fertilizers plant.

Dates : From Apr. 2018 till Dec. 2020
Employer : J&P AVAX Company
Project : Basmaya Power Plant (Iraq)
Job title : Senior Mechanical Engineer
Job Description :

- Responsible for installation & commissioning of a project for units 9FA.3 GE 250MW Gas turbine, 4 units 9FA.4 Gas turbine, 10 Generators H2 cooled, 4 units C7, D11 GE Steam Turbine and all auxiliaries and skids.
- Responsible for mechanical works & pre-commissioning & start-up the units as per GE specifications and completed the project successfully helping the GE team during the whole installation & commissioning process.
- Responsible for mechanical works during chemical cleaning & Steam Blow for all valves in HRSG & Steam turbine area.
- Manage and prioritize the schedule to ensure that their time is focused on critical, strategy issues.

Dates : From Dec. 2017 till Apr. 2018
Employer : Proger Company
Project : Zohr Project (Egypt)
Job title : Site Commissioning Engineer
Job Description :

- Installing, testing, troubleshooting and repairing as per equipment specification for (Static and Rotating equipment).
- Reading and interpreting blueprints and drawings.
- Seeking advice from sales, production, engineering on products and installation issues to include process, spares parts, fit and function.
- Communicating problems and issues with the job site leader preparing service tickets timely per guidelines.

Dates : From Aug. 2014 till Dec. 2017
Employer : MEGA for construction & industries
Job title : Site Mechanical Engineer
Job Description :

- Burullus Project (Apr. 2016 - Dec. 2017):
 - Responsible for installation & commissioning & maintain till start-up of a project for 4 x SGT5-8000H Siemens Gas turbine units, 5 x SGen5-2000H Siemens 400MW Generators, Siemens steam turbine 400MW, condenser, condensate pumps, feed water pumps, all piping auxiliaries and skids at EI-Burullus.
 - Check equipments and operating systems and ensure all mechanical operations, standards and controls are maintained at high quality.
 - Lead a team of mechanical works supervisors and technicians for

- the development and execution of mechanical activities.
- Perform critical work tasks requiring special competence, e. g. taking measurements and filling out measurement protocols as necessary.
- Assume a mentoring role, i.e. advice juniors on site of how to carry out work tasks as described in the development plans.
- Report the result of the disassembly/assembly job according to guidelines.
- Techno install in Cairo (Sep. 2015 - Mar. 2016):
 - Responsible for installation & start-up water treatment pumps and piping.
 - Achieved the installation & assembly targets ahead of schedule.
 - Planning all mechanical and piping works for pumps Rooms.
 - Handover with government team.
- West Damietta Project (Feb. 2015 - Aug. 2015):
 - Responsible for installation & start-up of a Fast track project for 4 x 9E GENERAL ELECTRIC units at West Damietta.
 - Responsible for mechanical works & pre-commissioning as per GE specifications.
 - Completed the project successfully helping the GE team during the whole installation process.
 - Achieved the installation & assembly targets ahead of schedule.
 - Responsible for installation & testing firefighting system of the plant as per SANCO specifications.
- Kafr El-Batekh HGP Outage (Jan. 2015 - Feb. 2015):
 - Responsible for mechanical works disassembly and assembly works for Gas turbine 9E Unit and Auxiliaries as per GE specifications.
 - Completed the project successfully helping the GE team during the whole process.
- West Damietta DLN modification (Aug. 2014 - Dec. 2014):
 - Responsible for re-assembly new system for combustion chambers in GE frame 9E and change modify systems like atomizing air, cooling and sealing system in addition to gas skid.
 - Achieved the re-assembly targets ahead of outage schedule.

- Field of experience :**
- Prepare and optimize maintenance programs and spare parts requirements in coordination with other departments to ensure the availability and reliability of the power station.
 - Lead on power stations & plant's utilities units minor/major breakdowns troubleshooting.
 - Ensure all maintenance activity conforms to QHSE and determine whether the implementation is through a contractor or the station itself.
 - Knowledge of maintenance of valves, pumps, gas & steam turbines in a power plant.