

Holds a B. Sc. in Mechanical & Aeronautical Engineering and has over 9 years hands-on experience in construction and maintenance with good knowledge of turbine, generator and condenser components with their auxiliary equipment, skids and specially their related piping systems.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/02/1988
Gender : Male
Marital Status : Married
Residence : Kafr Al-Dawar

EDUCATION

: B. Sc. in Mechanical & Aeronautical Engineering, Cairo University, 2011

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Power Point), Internet
: MS Project
: Matlab
: Solid Works
: MSC Visual NASTRAN

TRAINING COURSES AND CERTIFICATIONS

: Pumps operation, selection, troubleshooting and maintenance.
: Gas compressor operation, selection, troubleshooting and maintenance.
: Gas turbine operation, selection, troubleshooting and maintenance.
: Vibration monitoring and analysis for turbo machinery protection system.
: Machine Alignment balancing and mechanical sealing.
: Fire Fighting System Design.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2020 till now
Employer : Enoia Consultant Company
Project : Beet Sugar Factory, Al-Minya
Job title : Senior Mechanical Engineer
Job Description :

- Supervise the fabrication and construction activities of Extraction tower tank.
- Coordinate activities of vendor representatives and subcontractors.
- Responsible of the construction of the all mechanical works.
- Coordinating with client and other contracts regarding work for factory.
- Review all the mechanical completion documentation to start the commissioning activities.

Dates : From Feb. 2019 till Dec. 2019
Employer : Smartjet Engineering FZE
Project : Saint Helena island Airport Project & Fuel Facilities, Saint Helena Island Related to United Kingdom Government located in South Atlantic Ocean
Job title : Senior Mechanical Engineer
Job Description :

- Review the project technical documentation and the contractor requirements.
- Supervise the construction of Gasoline, Gas oil and Jet-fuel Tanks.
- Define commissioning work packages and prepare the relevant procedures with the assistance of discipline engineers.
- Supervise commissioning field activities.
- Coordinate activities of vendor representatives and subcontractors.
- Supervise hydro test for Jet A-1, Gasoline and Gasoil piping.
- Supervise flushing for Jet A-1, Gasoline and Gasoil piping.
- Supervise soak testing for all Jet A-1 tanks and piping systems.
- Deal with clients, tries to solve problem within the scope of the design.
- Assist in engineering design reviews.
- Review all the mechanical completion documentation to start the commissioning activities.
- Prepare the commissioning punch list from the commissioning point of view.
- Attend and supervise all the pumps coupling alignment & flange alignment.
- Attend and supervise all tanks cleaning and prepare cleaning reports before introduce fuels in to the tanks.
- Supervise air leak testing and air blowing for piping.
- Supervise the commissioning of firefighting system (Foam pourer, Fire monitors and Tanks spray nozzles).
- Supervise the commissioning of ship to shore fuel transfer using hoses.

Dates : From Aug. 2018 till Feb. 2019
Employer : Doosan Heavy Industries & Construction
Project : Assiut Supercritical Power Plant
Job title : Senior Mechanical Engineer

Job Description :

- Responsible of the construction of the steam turbine 650MW.
- Responsible of the construction of the condenser.
- Responsible for the installation of the mechanical skids.

Dates : From Jan. 2017 till Aug. 2018

Employer : IREM SPA

Project : BURULLUS Combined Cycle Power Plant

Job title : Senior Mechanical Engineer

Job Description :

- Worked at steam turbine (SST5-5000) and generator (SGEN5-2000H) and skids and exciter.
- Responsible of the construction of the steam turbine generator.
- Responsible of the construction of the condenser.
- Responsible for the installation of the mechanical skids.
- Responsible for making the floating of BOP-piping.
- Responsible for construction mechanical drawings according to applicable standards, specifications and review method statement and risk assessment for construction activity.
- Planning of erection sequence as per site conditions.
- Deal troubles occurred during erection according to deviation between Actual Site and design plan.
- Raising site technical queries and initiating field modifications.
- PRE-COMMISSIONING ACTIVITY:
 - System conformity & integrity checks.
 - Oil flushing, Air blowing, steam blow
 - Pressure test.
 - Leak test.

Dates : From Apr. 2015 till Jan. 2017

Employer : KAHROMIKA

Project : SUEZ THERMAL POWER PLANT 1x650MW GAS/OIL FIRED UNIT CP-106

Job title : Mechanical Engineer

Job Description :

- Responsible of the construction of the steam turbine & piping systems.
- Supervision on the Hydro and Pneumatic tests for the steam turbine piping systems.
- Responsible for the installation of the mechanical skids.
- Responsible for Installation of HP/IP Turbine Valve.
- Supervision on flushing for turbine and generator system.
- Attending official meetings and arranging work schedules and working plans.
- Coordinating with client, consultant and other contracts regarding work for CP-106.
- Calculating and managing the manpower required for the job.

Dates : From Jul. 2014 till Apr. 2015

Employer : Alexandria Construction Company (Talaat Mustafa)

Job title : Maintenance Engineer

Job Description :

- Responsible of the maintenance of heavy equipment.

- Responsible of the maintenance of diesel engine.

Dates : From Apr. 2011 till Apr. 2014

Employer : Egyptian Air Force

Job Description :

- Working as an Airframe / Power Plant Maintenance Engineer at the Intermediate workshops No. (3), Gianaclis Airbase, EAF which is one of the best workshops in the EAF that doing complete overhaul and heavy maintenance for the Mirage-5 Airframe and it's turbojet engine ATAR09C gaining a lot of experience.
- Maintain control valves (Butterfly and ball valves).