

Holds a B. Sc. in Mechanical Power Engineering and has about 12 years hands-on experience working in construction, technical office, maintenance and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/01/1987
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD 2D & 3D
: 3d studio max level 1
: Matlab
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: PMP Certification Exam Preparation Course.
: Attend Course for NDT Five Method (PT, VT, MT, RT and UT).
: Attend Course for B31.3 Process Piping.
: Attend Course for API 510 Online.
: Summer training at Abu Qir for Electricity.
: Training in Fluid laboratory at Faculty of Engineering, Alexandria University.
: American Language Course in Ministry of Defense Language Institute.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2022 till now
Employer : Contra Steel Company
Project : Extension MSP and WTP Project
Job title : Construction Engineer (Mechanical Equipment)
Job Description : Responsible for constructing the following:

- Melt Shop Area (Electrical Arc Furnace (EAF), Ladle Furnace (LF)).
- Water Treatment Plant (WTP).
- Continue Casting Machine (CCM) Revamping.

Dates : From Jul. 2021 till Mar. 2022
Employer : Egyptian Maintenance Company (San Masr)
Project : EPC 2021 Major Revamping Project
Job title : Planning Engineer in EPC Plant (VCM, PVC, Utilities and Chlorine Unit)
Job Description :

- Preparation and executing the maintenance plans of preventive, corrective maintenance for static and rotating equipment.
- Supervise and responsible for all corrective and preventive maintenance activities for mechanical equipment.
- Assign manpower on specialized work.
- Reporting all technical data for maintenance activities.
- Ensure all spare parts and tools are available.
- Attend meetings with Owner to follow-up the work progress.

Dates : From Aug. 2020 till Jul. 2021
Employer : Energya Company
Project : New EDC Cracking Unit
Job title : Mechanical Superintendent (Construction & Quality Control)
Job Description :

- Construction Engineer (Mechanical Equipment) - Responsible for constructing the following: Static and Rotating Mechanical Equipment.
- Lifting Engineer: Implementation Lifting Plan for all Equipment.
- Technical Office Engineer: Material Request according to project plan. Prepare Execution Plan / Method Statement of the specified work activities.
- Refractory Engineer: Implementation Refractory work Inside Furnace.
- Piping Engineer.

Dates : From Aug. 2019 till Aug. 2020
Employer : HICC
Project : Cairo West Power Plant 650MW (CP-118)
Job title : Mechanical Team Leader
Job Description :

- Construction Engineer (Mechanical Equipment) - Responsible for constructing the following:
 - Coordinate with another discipline like Civil, Steel Structure for release note items.
 - Prepare for Heavy Equipment (Crane type, Access Way, critical Lifting Plan).
 - Prepare with Technical Office Material Request according to our

- plan.
- Review all Vendor Print Drawing & Installation Procedures before start any activities.
- Prepare Execution Plan / Method Statement of the specified work activities.
- Check for all the work will be carried as per approval project safety plan.
- Attend with Vendors for Installation Critical Items with (Siemens & KSB).
- Handover all Equipment for Commissioning team.
- CP-118 Divided to the following:
 - Turbine Building:
 - ❖ Steam Turbine Driven Boiler Main Feed Water Pump.
 - ❖ Steam Turbine Driven Boiler Feed Water Booster Pump.
 - ❖ Boiler Feed Water Pump Turbine.
 - ❖ Start-up Boiler Feed Water Pump.
 - ❖ Feedwater Heater.
 - ❖ Deaerator Storage Tank.
 - ❖ Circulating Water Pump.
 - ❖ Water cooled air compressors.
 - ❖ Air cooled air compressor.
 - Pump House Building:
 - ❖ Condensate Water Pump.
 - ❖ Jockey Pump.
 - ❖ Fire Pump.
 - Auxiliary Steam Boiler.
 - Hydrogen generation system.
 - External Equipment:
 - ❖ Sump Pump.
 - ❖ Solar / Mazout Fuel Oil Area.

Dates : From Feb. 2019 till Jun. 2019
Employer : PGESCO
Project : FERTILIZERS COMPLEX IN SOKHNA
Job title : Commissioning Engineer
Job Description : Commissioning Engineer (Mechanical Equipment) - Responsible for the following:

- Ability to perform & guide various activities related to rotating equipment likes lube oil flushing, alignment, lubrication, vibration checks, start-up, etc.
- Ability to perform & guide run test for motors, air cooler, pumps and conveyors.
- Ability to preserve and maintain rotating equipment after equipment commissioning and start-up.
- Ability to perform & guide various activities related to static equipment likes boxing up and final external inspection.

Dates : From Jul. 2015 till Feb. 2019
Employer : GS Engineering & Construction
Project : Oil & Gas (Egyptian Refinery Company)
Job title : Construction Engineer

- Job Description** : Construction Engineer (Mechanical Equipment), responsible for constructing the following:
- Mechanical Stationary & Rotating Equipment Installation:
 - ERC Project have many Equipment installed like (Column, Drum, Reactor, Heat Exchanger, Air Cooler, Heater, Tank, Package, Compressor, Pump, Elevator, Flare Stack).
 - Update schedule monthly according to project management plan and then discuss it with Subcontract (Orascom) to apply it.
 - Coordinate with another discipline like Civil, Steel Structure for release note items.
 - Prepare for Heavy Equipment (Crane type, Access Way, critical Lifting Plan) with Subcontract (Mammoet).
 - Prepare with Subcontract Orascom Technical Office Material Request according to our plan.
 - Review all Vendor Print Drawing & Installation Procedures before start any activities.
 - Prepare Execution Plan / Method Statement of the specified work activities.
 - Make daily report, daily manpower and equipment mobilization report.
 - Material Storing and Handling (receiving, unloading, storing, unpacking, arranging, loading and security of equipment and materials).
 - Reply for Orascom Transmittals, emails and Monthly invoice.
 - Contact with vendors for any Design problem and shortage Materials (HanbalMassTech, GBA-Flare Stack).
 - Check for all the work will be carried as per approval project safety plan.
 - Attend with QC for inspection and clear any comment related to Construction Work.
 - Attend assembly and disassembly for Oil Heat Exchanger Type AEU for repair at shell side.
 - Attend with AI for repair inside Column Pressure part.
 - Attend for Flange serration repair with SAPESCO for vessel.
 - Attend for Air Cooler Run-in Test Inspection after repair.
 - Attend walk Down with Licensor (Axens) and clear any punch related to Construction Work.
 - Attend Walk Down with Company (Commissioning team) and clear any punch related to Construction Work.
 - Flare Stack Installation:
 - Erection of the 125 m high Derrick Supported Flare Stack System Supplied by GBA.
 - The erection of the derrick carried out by lifting the pre-assembled section and bolting them together in the correct position.
 - Preparing and implementation for lifting plan by used crane (CRAWLER LIEBHERR LR 1750) with Mammoet.
 - Internal Column & Reactor Installation:
 - Check to maintain a procedure for installing the Internal Trays and Packing in compliance with Project specifications and safety policy.
 - Preparing of Method Statement for each item to take approval from Client.
 - Review with Engineering and vendor related to any Design error and revised all DWG and submitted new materials from Vendor.

- Coordinate with QC for Daily inspection according to ITP and Check list supplied by vendor.
- Cooperation with Commissioning team and close all Trays Man ways after Axens Inspection.
- Cooperation with Commissioning team and clear all Punch to proceed for Reactor Catalyst loading.
- Steel Structure Work:
 - Check and clear all punch list generated by Owner.
 - Finalizing Painting touch up work as per specification recommended.

Dates : From Sep. 2014 till Jul. 2015
Employer : DOOSAN Heavy Industries Constuction
Project : EL AIN EL SOKHNA SUPERCRITICAL THERMAL POWER PLANT 1 & 2 (2x650MW GAS/OIL FIRED UNITS)
Job title : Commissioning Engineer
Job Description :

- Supervisor implementation of pre-commissioning, commissioning, start-up, shutdown and emergency activities such as Chemical Cleaning, Water Flushing, Air blowing and Steam Blowing.
- Prepare the preventative and predictive maintenance of equipment schedule with Maintenance Dept.
- Local Engineer.
- Supervisor for Burner Hamworth combustion engineering system.
- Supervisor for Gas/Mazout oil Fired system.
- Attend Maintenance for Fuel Oil Heater Type AEU.
- Familiar and ability to operate as DCS Engineer.

Dates : From Aug. 2012 till Sep. 2014
Employer : DOOSAN Heavy Industries Constuction
Project : EL AIN EL SOKHNA SUPERCRITICAL THERMAL POWER PLANT 1 & 2 (2x650MW GAS/OIL FIRED UNITS)
Job title : Construction Engineer
Job Description :

- Construction Engineer (Non-Pressure Part), responsible for constructing the following:
 - Gas air preheater.
 - Duct.
 - F.D fan.
 - G.R fan.
 - Seal air Fans.
 - Burners.
- Prepare the bill of materials according to the priority of lifting plan.
- Responsible of erection according to sequence of erection.
- Make lifting plan for each part equal or above 10 Ton in boiler.
- Check for welding (visual test & penetrant test).
- Close the Punch list items coordinating with QC department.
- At Final Make Air leak test for Duct and hand over for Doosan QC, PGESCo and EDEPC.
- Check with commissioning team for Air Balance Test.

Dates : From Sep. 2011 till Aug. 2012
Employer : West and Middle Delta Bus Company
Job title : Maintenance Engineer
Job Description :

- Mechanical Engineer for busses such as Daewoo, Scania, Aveco and Mercedes.
- Diagnose faults and engine overhaul work and the work of periodic maintenance of the busses.

Dates : From Oct. 2010 till Sep. 2011
Employer : Egypt Spain for Medical Industries
Job Description :

- Maintenance Engineer for Equipments such as Injection Machines, Printing Machines, Assembly Machines, Packaging Machines and Sterilization Room.
- Maintenance Engineer for Air water Chiller, screw compressor and water filters.