

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years experience in the construction and field engineering of power plants projects, oil & gas projects and water treatment plants projects. Work included all piping, static & rotating equipment's, Test pack & Pre-commissioning activities and system handover from construction to start-up & operation department.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/06/1992
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 2016

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: PMP Preparation Course.
: PRMG-112 Project Management life cycle.
: PRMG-010 Project Planning course.
: CMRB Course.
: ASME B31.3.
: Feedwater pump & Condensate pump training at Assiut CCPP (Sep. 2018).
: English online course with Berlitz.
: Online Training (Pumps, Compressors, Turbines, Bearing Seals, Heat Exchangers Pipes and Valves).
: Piping Construction.
: Risk Assessments.

- : Training at Assiut Cement Co. CEMEX EGYPT (Aug. 2015):
 - Cement production process.
 - Learning maintenance Concept and its types and how to execute PM and PDM maintenance.
 - Learning Concept of Root cause analysis.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2020 till now
- Employer** : ANOPC (Assiut National Oil Processing Company)
- Project** : Hydrocracker Complex
- Job title** : Mechanical Engineer
- Job Description** :
- Worked as an Interface Engineer and coordinator with all parties in the project and with existing plant ASORC (CDUS Plant).
 - Follow up on the design stage and finalize the scope of work and design in co-ordination with the consultants, contractors & sub-contractors.
 - Assist technical office in the review of project design documents prepared by consultants and subcontractors and ensure they meet the national & international regulatory standards.
 - Assist technical office in the selection of tenders, consultants, contractors and suppliers with the Head of Group Special Projects, Head of Contract and Tenders and Head of Contracts (project) within the delegated authority.
 - Review through a check list - in commissioning phase - all the items/deliverables of the project and make sure it complies with the standards and the specifications and determine any deviation off the specifications.
 - Participated in preparation and review of technical specification according to international codes for assigned projects.
 - Participated in studying and evaluation of technical and commercial bids for assigned projects.
 - Participated in negotiation of contracts items, terms & conditions, and price.
 - Preparing contracts furnished with scope, mutual commitments, terms & conditions of supply, execution, and payment for assigned projects.
 - Follow-up, and coordinate the assigned projects according to project schedule, scope of work, and execution conditions and obligations on both sides.
 - Participate in review asset integrity studies like RAM Study and RCM study and Maintenance Manual.
 - Tracking tasks progress and the project's schedule.

- Dates** : From Apr. 2019 till Oct. 2020
- Employer** : PGESCO
- Project** : Assiut Supercritical Power Plant 1x650MW
- Job title** : Construction Supervisor
- Job Description** :
- Supervise the construction of Piping and support to solve the issues at site.
 - Inspection on Piping lines (Fit-up - Welding) and Make punch list.

- Ensure that all subcontractors Perform NDT on Welds.
- Follow up all construction activities and ensure that match with Project quality procedures and specifications.
- Supervise the installation of Static and Rotating equipment (Towers, Vessels, Tanks, Compressor, Gas turbine) then doing Inspection.
- Participate in all construction activities for Boiler erection activities and BOP construction activities.
- Ensure that all subcontractors use project specifications and national codes.
- Participate in all pre-commissioning activities.
- Participate in all start-up activities.

- Dates** : From Oct. 2017 till Mar. 2019
- Employer** : Orascom Construction Industry
- Project** : New Assiut Combined Cycle Add-on Power Plant 2x250MW
- Job title** : Mechanical Commissioning & Operator Engineer
- Job Description** :
- Testing and commissioning for steam turbine systems (lube oil, seal oil, lifting oil, hydraulic oil, generator cooling and service and instrument air systems).
 - Participate in testing for performance of gas turbine GE GT-9E.03.
 - Commissioning for feed water pump and Hyosung training for operation and maintenance for Boiler feed pump.
 - Commissioning for Closed Cooling water system.
 - Preservation for Doosan Boiler after chemical cleaning.
 - Review operating manuals in cooperation with vendors.
 - Perform piping and ducts pre-commissioning, commissioning procedures such as Flushing, steam blowing.
 - Commissioning for firefighting system for steam turbine generator building (preaction deluge system & lube oil system).
 - Commissioning for firefighting system for Main Transformer & Auxiliary Transformer.
 - Commissioning for condensate system, the steam is condensed by Air Cooled Condenser (ACC).
 - Participate in Testing and commissioning for Demineralized water system.
 - Complete the commissioning and hot cleaning of Air-Cooled Condenser (ACC).
 - Finished the commissioning activities of 8 Braden-Europe B.V. diverter dampers.
 - Worked as a Field Operator.
- Field of experience** :
- Over 6 years experience in the construction and field engineering of power plants projects, oil & gas projects and water treatment plants projects. Work included all piping, static & rotating equipment's, Test pack & Pre-commissioning activities and system handover from construction to start-up & operation department.
 - QC activity of construction projects as fabrication, erection welding and non-destructive test for piping.
 - Experience in using codes & standards like ASME B31.1, ASME B31.3, ASME B16.5.

- Supervise the construction of Piping and support solving the issues at site.
- Strong background in piping and processing equipment – piping plans, isometrics, and P&ID drawings – mechanical alignment.
- Ability to review the Materials inquiries, communicate with the Employer / Engineer to resolve any of the project or Site Technical problems.
- Follow HSE procedure.