

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years experience working as Plant Design Engineer, Piping Design Engineer and Project Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/08/1992
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2016
: Secondary Education: Saker Koriesh Language School

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Autodesk AutoCAD
: Aveva E3D
: Navisworks

TRAINING COURSES AND CERTIFICATIONS

: Project Management Professional (PMP)® Certification Preparation Course.
: Firefighting Course (Engineer House) (Feb. 2019).
: Certified 10 Hour OSHA General Industry Safety & Health Program - SIEMENS (Mar. 2017).
: Permit to work training course (SIEMENS).
: Six Sigma (DAMIC Method).
: Employability skills training, Aspire Experiential Solutions, Employability and Career Development Center (ECDC) (Feb. 2015).
: Intern, Site Engineer Trainee, PETROBEL (Belayim Petroleum Company) (summer 2014):

- Observed the maintenance of Gas Turbine.
- Gained exposure of different types of pumps.
- Learned about pipe line system.

- : Intern, Site Engineer Trainee, Cairo Tunnel Metro (summer 2015):
 - Observed the maintenance of Compressor.
 - Gained exposure of different types of control systems.
- : Intern, Bticino (summer 2015): Attended sessions about supply chain, planned a full project with time and cost plan and assured of the output quality.
- : Intern, GASCO (summer 2015):
 - Learned about pipe line system.
 - Gained exposure of different types of control systems.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2019 till now
- Employer** : Elsewedy PSP
- Project** : The Julius Nyerere 2115MW Hydropower Project - Tanzania
- Job title** : Senior Plant Design Engineer
- Job Description** :
- Issue Site Layout, General Arrangements, Equipment Location, Aboveground Piping, Composite Piping and Isometric piping Drawings.
 - Route Piping System in 3D Model and Link between different disciplines to remove model clashes and make optimum Design for power plant model.
 - Material Requisitions for equipment & materials.
 - Attend all Project technical sessions by the EPC Contractor such as: Design Review Meetings, 3D Model Review Meeting, Constructability.
 - Piping and Instrumentation Diagram review and check.
 - Co-ordinate with other disciplines during all stages of design development, construction, pre-commissioning, and start-up.
 - Provide technical support to site as required.
 - Coordinate technical reviews and analysis during vendor prequalification, bid evaluation, and performance evaluation.
 - Supervise and manage the review and approval of EPC Contractor's work, ensuring compliance with Owner and Project specifications, relevant codes and standards, and industry best practices.
 - Coordinate the required Engineering participation in the development and analysis of various design options and business models. Contribute input and expertise in the development and analysis of various design options and business models to ensure design optimization and validation for the Owner.

- Dates** : From Jan. 2018 till Jan. 2019
- Employer** : Onspec
- Job title** : Piping Design Engineer
- Job Description** :
- Designed modifications to existing process piping systems.
 - Review and issue of Plant Layout, Piping layout, Piping Isometric drawings, Support sketches.
 - Worked closely with clients to ensure new piping systems met all process requirements.
 - Create piping isometric drawings per project requirement with weld map identification – on-skid & off-skid.
 - Prepare Skid General Arrangement Drawings per the project

specifications, at a minimum containing overall dimension, anchoring details, piping and electrical tie points with tags and schedule, weights, COG, equipment tags, notes and tolerances.

- Coordinate technical reviews and analysis during vendor prequalification, bid evaluation, and performance evaluation.

Dates : From Sep. 2016 till Nov. 2017
Employer : Orascom Construction
Project : New Capital Power Plant
Job title : Project Engineer
Job Description :

- Study drawings in order to prepare Material, Equipment and Man-hours requirements list based on project priorities and time schedule.
- Schedule tasks to be performed according the prioritization aligned with the needs and the management.
- Coordinate with Quality Control Department schedule of inspections/tests and take any corrective action if required.
- Coordinate with technical office to make sure about the right implementation of the drawings on site.
- Monitor actual work performance compared to the project schedule.
- Prepare or assist in preparing fundamental engineering computations, material quantity takeoffs, estimates, surveys, and designs.

Skills:

- 5S methodology.
- Safety.
- Fundamental understanding of project management.