

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years' experience working in construction of piping, thermal insulation (hot & cold), Hydro testing for Solar Energy Power Plants and Oil & Gas Field Power Stations.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 03/01/1990  
Gender : Male  
Residence : Sohag

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Assiut University, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

- : IELTS (Dec. 2020).
- : PMP certified (Aug. 2020).
- : OSHA (General & Construction) (Jul. 2019).
- : ASNT Level II in RT, UT, VT, PT, MT (Dec. 2016).
- : HVAC Design, Plumbing, Fire-fighting (May 2016).
- : AutoCAD 2D (May 2015).
- : Solid Works (Apr. 2015).
- : Trainings at:
  - Abu Tartor for Phosphate Extraction Company (maintenance activities) (2 weeks).
  - Alexandria Harbor (maintenance of diesel generators training) (1 month).
  - Water Refining Company (2 weeks).
  - Production lines of Nile Company for oils and cleaners (2 weeks).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2021 till now  
**Employer** : Gira Consultant Group  
**Project** : Hayah Karima Sohag, Medical Units  
**Job title** : Mechanical Consultant Engineer  
**Job Description** :

- Revising shop drawing for the contractors.
- Provide technical support to the contractors.
- Managing projects and overseeing the development of the projects.

**Dates** : From Jul. 2020 till Dec. 2021  
**Employer** : Tanta Motors Contracting sector  
**Project** : Imbaba, Liver Institute Hospital  
**Job title** : Site Mechanical Engineer  
**Job Description** :

- Revise approved HVAC Shop Drawings, MEP - Coordination Drawings, Work method statement and project Specification from Project Engineer
- Ensure the HVAC Ducts, Fittings, accessories and Child water pipes, fittings, accessories are available and approved by Inspection department prior to installation.
- Ensure sufficient hand tools, power tools, ladder and scaffolding are available for installation.
- Coordinate with other discipline and ensure site clearance is available to start the HVAC Activities.
- Arrange the sufficient manpower such as Supervisor, Foreman, Duct fitter, Assistant duct and pipe fitter, etc., and ensure all of them attended safety orientation and having proper PPE's prior start installation activities at site.

**Dates** : From Jan. 2020 till Jul. 2020  
**Employer** : Grand for Construction and Contracting, Cairo  
**Projects** : New Administrative Embassy, Opera Project (HVAC system Chemical Cleaning)  
**Job title** : Site Mechanical Engineer  
**Job Description** :

- Refer to site Plans and Layouts to determine cycle's inlet and outlet points.
- Ensure the correctness of chemicals in the circuit.
- Follow up the specifications of contract.
- Measure different water specifications (HP, TDC and others).
- Identified mechanical problems and determined best solutions for correction.

**Dates** : From Aug. 2018 till Dec. 2019  
**Employer** : Isotermica Contracting L.L.C.  
**Project** : The Egyptian Chemical Industries Company (Kima Aswan)  
**Job title** : Construction Manager (Thermal Insulation)  
**Job Description** :

- Refer to site Plans and Layouts to determine where to apply insulation.
- Ensure the Cleaning and Preparation of Insulated Surfaces.
- Check the Insulation material validation.

- Set up time Schedule adhering for time frame work of specific scope.
- Coordinate with painting and hydro test teams.
- Coordinate between Scaffolding, Insulation and Cladding teams.

**Dates** : From Feb. 2017 till Aug. 2018  
**Employer** : GS E&C  
**Project** : Egyptian Refining Company (ERC), Mostorod  
**Job title** : Test Packages / Hydro-Test Engineer  
**Job Description** :

- Ensure Applying the Standards and Procedures for Hydro-Testing.
- Responsible for Pipeline Cleaning, Gauging Flooding, Hydro-testing, Dewatering and Drying.
- Responsible for Prepare and finalize Hydro-Test Package as per Project Standards.
- Responsible to Prepare Data Sheets for the Applied tests and results.
- Perform and direct all Flange Management Activities, before and After Test.

**Dates** : From Aug. 2016 till Feb. 2017  
**Employer** : Orascom (OCI)  
**Project** : Egyptian Refining Company (ERC), Mostorod  
**Job title** : Piping Construction Engineer  
**Job Description** :

- Plan the Schedule of Piping work.
- Provide Technical Assistance to the Piping Supervisor and Keep them informed on matters related to quality.
- General Coordination with multiple groups across job site (Riggers, QC, etc.).
- Daily reporting of installed Quantities.
- Track and Request Missing Material.
- Continuously update DWGs as per Site Conditions (As built).

**Dates** : From Jun. 2015 till Aug. 2016  
**Employer** : Albasmalah for contracting and construction  
**Project** : Egyptian Steel (NPSS)  
**Job title** : Piping Construction Engineer  
**Job Description** :

- Plan the Schedule of Piping work.
- Provide Technical Assistance to the Piping Supervisor and Keep them informed on matters related to quality.
- General Coordination with multiple groups across job site (Riggers, QC, etc.).
- Daily reporting of installed Quantities.
- Track and Request Missing Material.
- Continuously update DWGs as per Site Conditions (As built).

**Dates** : From Jan. 2014 till Jun. 2015  
**Employer** : Doosan Heavy Industries & Construction  
**Project** : Ain Sokhna Supercritical Thermal Power Plant  
**Job title** : Thermal Insulation Construction Engineer

- Job Description** :
- Resolved problems, improved operations and provided exceptional client support.
  - Resolved conflicts and negotiated mutually beneficial agreements between parties.
  - Drove operational improvements which resulted in savings and improved profit margins.
  - Worked with client to understand needs and provided service.