

Holds a B. Sc. in Production Engineering and has about 7 years hands-on experience working as Mechanical Design / Workshop & Piping Engineer. He can provide complete design of piping arrangement layout using Computer aided design & Drafting Programs (PDMS & Plant 3D).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/12/1988
Gender : Male
Marital Status : Single
Residence : Suez

EDUCATION

: B. Sc. in Production Engineering, Alexandria University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair
Japanese : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Solid Works
: AutoCAD 2D
: AutoDesk Plant 3D
: Revit Structural
: Primavera
: Caesar II Piping analysis

TRAINING COURSES AND CERTIFICATIONS

: Autodesk Revit Structural at Egyptian Syndicate of Engineers (Dec. 2015).
: Planning and Secluding Professional (PSP) at American University (AUC) (Dec. 2014).
: Stress Analysis by Caesar II at American University (AUC) (Dec. 2013).
: Design & Construction of Piping Systems at American University (AUC) (Nov. 2013).
: Process Piping B 31.3 at American University (AUC) (Jun. 2013).

- : Rotating Machines at Egyptian Syndicate of Engineers (Apr. 2012).
- : Material Selections at Egyptian Syndicate of Engineers (Mar. 2012).
- : Summer trainings at:
 - Kuwait National Petrol Co. (KNPC) in rotating equipment (Jul./Aug. 2009).
 - Kuwait National Petrol Co. (KNPC) in Main Workshop (Jul./Aug. 2008).
 - Kuwait National Petrol Co. (KNPC) in for petrol refinery processes (Jul./Aug. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2015 till now
Employer : Saint-Gobain Glass Egypt (S.G.G.E) in Ain Al-Soukna
Job title : Mechanical Design Engineer

Dates : From 2010 till 2014
Employer : Egyptian Fertilizers Company (E.F.C.) and Egyptian Basic Industrial Company (E.B.I.C), one of Orascom Construction (O.C.I.) Company
Job title : Mechanical Workshop & Piping Engineer

Job Description :

- Follow the operation, performance and execute projects identified to increase productivity, reliability, cost reduction, quality and HSE improvements.
- Prepare and study technical drawings, specifications of Mechanical equipments to ensure conformance to design, equipment specifications and safety standards.
- Assist in developing capital project programs for new system and major repairs.
- Maintenance and repair for rotating equipments, Pumps, Screw conveyors, Belts conveyors Blowers and Valves.
- Maintenance for Static equipments, piping, Furnace and Float equipments.
- Use problem solving tools, 5Y analysis, 5Y Kaizen and WCM pillars to increase efficiency and reduce downtime and losses.
- Arranging Coding stock and none stock materials for the warehouse with (CMMS) system.
- Mechanical services and fabricate or external fabrication for spare parts for all equipments.

Technical Skills:

- Ansys finite element.
- Provide Complete Design of piping arrangement layout using Computer aided design & Drafting Programs (PDMS & Plant 3D).
- Isometrics drawing with 3D CAD programs.
- Provide Stress analysis for pipelines with Caesar II.
- Utilizing Maximo/SAP system for computerized maintenance management system.
- Utilizing Maximo/SAP system (CMMS) for reserving, purchasing and replenishment material for petrochemical plants.