

Holds a B. Sc. in Mechanical Power Engineering and has about 4 years hands-on experience, including 3 years working as Piping Design Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/06/1992
Gender : Male
Marital Status : Single
Residence : Benha, Qalubia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2014
: Pre-Master, Benha University

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD Plant 3D
: PDMS
: E-3D
: AutoCAD 2D & 3D
: Navisworks
: Pipe flow expert
: Solid Works

TRAINING COURSES AND CERTIFICATIONS

: Training in Rashid Petroleum Company for one month (2014).
: Training in Helwan Fertilizer Company for one month (2013).
: Training in Cairo North Power Station for two months (2012).
: Training in Cairo for Development & Cars Manufacturing (PEUGEOT) (2011).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2016 till now
- Employer** : [EGYPTROL](#)
- Projects** :
- Piping design for ASSIUT CP-118 small bore power plant (650MW)
 - Piping design for Mantrac-CHP Biogas Genset Power Plant (5x2MW)
 - Piping design for Unatrac-Sokoto Nigeria Power Plant (7x3MW)
 - Piping design for EMC-Farfra Diesel Power Plant (4x4MW)
 - Piping design for Sapesco-ANRPC steam blow
 - Piping design and Rehabilitation for SDX-ENERGY Petroleum plant
 - Piping design for Airliquide-Sidpec CO2 plant
 - Piping design for MATROH Water Desalination Plant (24000m3/Day)
- Job title** : Piping Design Engineer
- Job Description** :
- Piping design and 3-D modeling of piping systems, structures, mechanical equipment, and electrical cable trays using PDMS & E-3D and AutoCAD Plant 3D softwares.
 - Make a design for all piping isometrics drawing and 3D Model.
 - Preparing all isometrics fabrication shop drawing (Spooling).
 - Drawing of general piping arrangement (GA) and plot plan.
 - Preparing all Material take off (MTO) of the projects.
 - Preparing the RFQ for piping, fitting and support, valves.
 - Make welding map for all piping lines.
 - Good experience in reading P&IDs and modify it according to site/piping requirement.
 - Reviewing all the piping drawing such as: piping arrangement drawing and Isometric drawing.
 - Mechanical equipment / System Design review (As Built).
- Dates** : From Mar. 2016 till Sep. 2016
- Employer** : Egypt Anode Factory - the Egyptian Holding Company of metallic industries
- Job title** : Mechanical Maintenance & Site Engineer
- Job Description** :
- Installation & Maintenance of heavy duty machines i.e. (Belt Conveyor, rotary furnaces, compressors, pumps, heat exchangers, bucket elevator, fans, motors, engines, etc.).
 - Supervisor on Installation and commissioning process.
 - Reverse engineering and design of spare parts such as couplings, shafts, rollers, piping fabrication, etc.).
- Dates** : From Nov. 2015 till Mar. 2016
- Employer** : Al-Salam Higher Institute for Engineering and Technology
- Job title** : Teaching Assistant at the mechanical engineering department