

Holds a B. Sc. in Mechatronics Engineering and has over 5 years experience working in construction, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/06/1994
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechatronics Engineering, Mansoura University, 2017

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab
: Programming using PLC
: Programming using pic microcontrollers

TRAINING COURSES AND CERTIFICATIONS

: NEBOSH Certificate (Management of safety and health 1G1 & 1G2).
: OSHA in construction safety and health.
: IOSH – UK Managing Safely.
: Preparing and studying for the PMP exam.
: Foundation of project management.
: ASME section VIII, DIV 1.
: HVAC and firefighting online course.
: Plumbing.
: Solar energy online course.
: AutoCAD
: Studying IELTS.

- : Automotive Maintenance Practical Course.
- : Microchip Micro Controller Basic Applications.
- : Solid Works Essentials.
- : PLC from Technology Competency Center.
- : Trainings at:
 - Middle Delta Electricity Production Company.
 - Belayim Petroleum Company.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2021 till now
- Employer** : NATIONAL GAS COMPANY (NATGAS) – OIL AND GAS ENERGY
- Job title** : Senior Mechanical Engineer
- Job Description** :
- Lead a team who Install the gas transmission and distribution networks (High & Low pressures) by Welding the polyethylene pipelines using "Butt fusion & Socket fusion" techniques and installing the Valves, Meters and Regulators.
 - Construction main pipelines medium density polyethylene (PE) according to ASME B31.8.
 - Checking plans, drawings and quantities and providing the construction team with the description welding map of all the pipe spool.
 - Making a cost control for all projects and providing it with all supplies.
 - Supervision and monitoring the construction and welding process on the site.
 - Making the risk assessment for all projects.
 - Construction of Carbon steel pipelines and cathodic production system according to API.
 - Commissioning and purging of gas primary services.
-
- Dates** : From Jan. 2020 till Sep. 2021
- Employer** : AL-HASHEMIAH INTERNATIONAL CONTRACTION CO. (HICC) FOR OIL AND GAS SERVICE
- Job title** : Mechanical Estimation Engineer
- Job Description** :
- Studying BOQs, Tender documents and drawings for (Vessel tanks, Heat exchangers and Pipes line).
 - Studying RFQs and making a cut sheet by using AUTOCAD.
 - Preparation of all technical, financial and project management aspects of the bid / estimate / quotation, Indicating prices and trading conditions according to ASME.
-
- Dates** : From Dec. 2017 till Sep. 2019
- Employer** : ORASCOM CONSTRUCTION (OC) / GE
- Project** : New Assiut CCPP 1500MW
- Job title** : Commissioning & Start-up Engineer
- Job Description** :
- Commissioning for the condensate system, closed cooling water system, service water system, and fire fitting system.
 - Testing and commissioning the hydraulic and loop oil system for the steam turbine.

- Commissioning and maintenance pumps (centrifugal pumps, jockey, and sump pumps).
- Steam blow for DOOSAN HRSG after chemical cleaning.
- Commissioning for diverter damper, test position, and air sealing system.
- Field Operation Engineer during performance, reliability and normal operation of the plant.