

Holds a B. Sc. in Mechanical Power Engineering and has about 5 years hands-on experience working in construction and maintenance.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project
: AutoCAD
: Naviswork modeling

TRAINING COURSES AND CERTIFICATIONS

- : Maintenance strategies, cost control and PDM technologies.
- : Vibration analysis (ISO 10816, 1940 & Spike Energy standards).
- : Shaft alignment analysis (certificate from Oil & Gas Skills (OGS)).
- : Heavy equipment and automotive.
- : Pumps, compressors and turbines (maintenance & trouble shooting) (certificate from Oil & Gas Skills (OGS)).
- : Process piping line:
 - Identify and describe the pressure drop in piping systems and line sizing by understand the Basic Relationships, Working Charts and Equations for Friction-Loss.
 - Calculations, Process Line Sizing Techniques, Analysis of Complex Piping Networks, Loading Conditions and Stress Analysis, Materials of Construction, Piping Supports, Testing and Flushing required for leak detection, Determining the Type and Number of Specifications, Piping Layout and Arrangement, all this according to ASEM B 31.3.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2015 till now
Employer : ALEXANDRIA FOR PROJECTS & INDUSTRIAL CONSTRUCTION S.A.E (APIC), ALEXANDRIA
Job title : Mechanical Project Engineer (construction & maintenance)
Job Description :

- Titan Cement (Beni Suef Cement): working within mechanical engineering group to Installation DSS project includes piping and hydro test activities.
- Inter Cement (Al Amery Cement): working within mechanical engineering group in shutdown line (1, 3), CM (3, 5) and working as Site Manager, responsible for maintenance contract & Site Manager responsible for firefighting project (tanks, piping and pump station).
- Alexandria Co. for Seeds Processing & Derivatives: working as Piping Engineer, responsible for piping work (fabrication & Installation) DIN 1 to 56 Inch, (carbon steel & stainless steel and other material), compressed air system high pressure pipe (90 bar) and utility (cooling tower), pipe support, by reading the drawing and 3D modeling in the refining unit project.

Dates : From 2014 till 2015
Employer : International Company for Construction and Specialized Maintenance (INTERMAINT), Alexandria
Job title : Mechanical Project Engineer (construction & maintenance)
Job Description :

- Italy Cement Group (Suez Cement): responsible for maintenance the cooler and pan conveyors, re-design and installation of defective parts.
- Inter Cement (Al Amery Cement): responsible for re-design and installation The BF filters and pipes with full attention to security laws and occupational safety (QHSE).
- Italy Cement Group (Helwan Cement): responsible for re-design and installation of defective parts and maintenance the cooler, pan conveyors, hummer crusher and kiln with full attention to security laws and occupational safety (QHSE).
- CEMEX (Assiut Cement): responsible for the following:
 - Pet coke project:
 - Pre-heater reinforcement for the purpose of expanding the pre calciner.
 - Conversion the bypass filter from EP to bag filters including (pre-shutdown Activates, Dismantle and Installation).
 - Participate in the working group to implement Dismantle and Installation the kiln hood, TAD and change two sections in kiln.
 - Dismantle and Installation new belt conveyer in AF area.
 - Work as Shift Leader, responsible for Insulation works and thermal lining (concrete thermal) of the Spanish company (AL FRAN) in the following places (kiln hood, pre-heater, TAD).
- El Arabia Cement (NL Supervision): work as Shift Leader, responsible for Insulation works and thermal lining (concrete thermal) of the Spanish company (AL FRAN) in the following places (Raiser, kiln inlet, TAD).

Dates : From 2013 till 2014
Employer : Watermust Company for Water TREATMENT, Borg El Arab – Alexandria
Job title : Mechanical Engineer
Job Description : Capable with an ability to dealing with electrical circuits 220 & 380V (power & control), hydraulic and pneumatic circuits and extruder equipment.

Field of experience :

- 5 years experience in the field of mechanical projects and constructions (for example: metal structures, piping, tanks, cement production lines).
- Preparing and performing presentations for customers and projects reviews.
- Providing the best concepts by monitoring concept and design review meetings.
- Developing and designing all aspects of mechanical components, assembly tools, and testing equipment.
- Ability to identify & diagnose vehicle faults.
- Able to adhere to engineering principles and techniques.
- Knowledge of considering time constraints like safety, cost and environmental issues.
- Aware of safety regulations when lifting heavy tools and parts.