

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years hands-on experience working in construction field.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Ain Shams, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2013

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: HAP & Pipe Sizer

## TRAINING COURSES AND CERTIFICATIONS

: NDT Course (Nasr City, Cairo, Egypt).  
: Certificate of training on five methods of NDT from Cairo Inspection Company:

- Visual inspection testing level II (V.T).
- Ultrasonic testing level II (U.T).
- Radiographic testing level II (R.T).
- Magnetic testing level II (M.T).
- Dye penetrant testing level II (P.T).

: PMP Exam preparation course, 40 hours.  
: H2S Course, authorized from GS E&C.  
: Permit to work Course (PTW), authorized from GS E&C.  
: Lock-Out & Tag-out LOTO, authorized from GS E&C.  
: Institute of Marine Installations, Port Said: Training in destructive & non-destructive testing.  
: Achieved (mined mapping & team building) from Benha University.

: Safety management systems online course.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2017 till now
- Employer** : GS Engineering & Construction
- Project** : Egyptian Refinery Company (ERC Project)
- Job title** : Commissioning Engineer
- Job Description** :
- Maintain personal safety and the safety of others.
  - Maintain safe working area.
  - Monitor the condition and performance of process and equipment.
  - Record information on process and equipment conditions.
  - Change equipment operation to meet production plans, as requested by Panel Operator.
  - Complete checks and tests for start-up.
  - Diagnose and correct problems in field that affecting process conditions.
  - Communicate information on process conditions as required throughout shift and during handover.
  - Prepare equipment for maintenance(tanks, pumps, mixer....).
  - Maintain records of material received and distributed, gauge readings, pumping time, and storage dates.
  - Patrol tank farm area to inspect pumps, motors, valves and piping connection.
  - Draw samples from tanks and send it to laboratory to analyze.
  - Coordinate with other process units to send and receive material.
  - Measuring the depth of oil in storage tanks by using dipping tape.
  - Tank's mixers start-up and operation.
  - Experience in operation of Different Utilities Units.
  - Remarkable knowledge of commissioning, Pre-Commissioning and Start-up Activities.
  - Extensive knowledge of different water treatment techniques.
  - Initial start-up for RAW & DEMI WATER.
  - Perform stroke test for dosing chemical pump (check PRV).
  - Mechanical Run Test (MRT) for pump, Steam turbine commissioning & start-up.
  - Carry out maintenance activity for rotating equipment such as bearing replacement for motors, pumps and blowers.
  - Performed field vibration tests for existing or new equipment.
  - Preparing and Participate in All Pre-commissioning Procedures as internal inspection for equipment and Boxing up & Chemical Cleaning & Lube oil Flushing & Sensitive Leak Tests & service test & Soda boiling.
  - Perform Flushing Activities (Air Blowing & water flushing).
  - Perform Hydro Test & Flange Management activities for pipe lines and Trim Valves & piping re-instatement (Material check, Alignment, Torqueing, RF Checking).
  - Establishment Punish listing, Walk down & line tracing.
  - Make Internal Inspection for Columns & Cooling Towers & Tanks.
  - Contribute at Catalyst Loading activities for Pressure Swing adsorbing (PSA) at hydrogen Production Unit (HPU).

- Contribute at Sand Filters & Activated Carbon Filters Loading activity at Raw Water Treatment Unit.
- Commissioning Permit Receiving & issuing authority.

**Dates** : From Apr. 2017 till Jul. 2017  
**Employer** : International Rockwool Company (ROCKAL)  
**Project** : Al-Shabab CCPP  
**Job Description** : Responsible for insulation work in the site and QC.

**Dates** : From Mar. 2016 till Feb. 2017  
**Employer** : Engineering Company for general contracting & thermal insulations  
**Project** : Mall of Egypt  
**Job Description** :

- High experience in thermal insulation (hot and cold) & HVAC calculation and duct sizing.
- Inventory of the quantities required to be isolated from the drawings (pipes, vessels, equipment, duct, .....).
- Preview the work site before pricing.
- Calculation of the quantities of insulation and the price of (fome, armaxflex, glass wool, rock wool, aluminum cladding, .....).
- Manage work site communication with the client requirements.
- Responsible for insulation works at the site.

**Dates** : From Nov. 2013 till Nov. 2014  
**Employer** : Energy Steel Fabrication Company  
**Job Description** :

- Experience in Galvanization, work shop the towers (transmission, telecom).
- Safety: Legislation and safe working practices.
- Supervising the stages of the galvanization process (loading, surface preparation: degreasing, water rinse, acid pickling, pre-fluxing, drying, immersion in zinc, quenching, unloading, finishing).
- Inspection of works to check the validity of the hot galvanizing process.
- Inspection after completion of the galvanizing process.
- Reviewed Documentation, Spec. Drawings.
- Responsible on all QC activities such as incoming material inspection, fabrication inspection, Marking out preparation & set up: Method. Angles/Root face/gap values. Distortion control.
- Interpreted all report against the codes.
- Supervision for sand blasting and painting applications according to GT specs.
- Manage work site communication with the client requirements.
- Establish QA/QC plan to assuring site control and data traceability.
- Performing relevant documentation and test package.
- Final inspection report.