

Holds a B. Sc. in Mechanical Engineering and has more than 19 years hands-on experience working in construction, QA/QC, as Site and Project Manager.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 10/11/1975  
Gender : Male  
Marital Status : Married  
Residence : Sharkia

## EDUCATION

: B. Sc. in Mechanical Engineering, El-Minia University, 2000

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: Certified lead auditor from IRCA.  
: PMP Course.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2018 till now  
**Employer** : Kahromika  
**Project** : Assiut Power Plant 1x650MW Supercritical  
**Job title** : Project Manager CP-106 (Turbine & Condenser & equipment and auxilliary piping)

**Dates** : From Jan. 2017 till Sep. 2018  
**Employer** : Kahromika  
**Project** : South Helwan Power Plant 3x650MW (Boiler 1 & Boiler 3) Supercritical

**Job title** : Site Manager

**Dates** : From Jan. 2016 till Jan. 2017

**Employer** : Kahromika

**Project** : Al-Shabab Power Station Combined Cycle 1500MW (8 HRSG) Heat Recovery Steam Generation System

**Job title** : Site Manager

**Dates** : From May 2011 till Aug. 2014

**Employer** : Royal Commissioning in Jubail

**Job title** : Mechanical Head Manager for HVAC & Plumping and fire fighting

**Dates** : From Jun. 2009 till Apr. 2010

**Employer** : Saudi Aramco

**Job title** : Mechanical Head Manager for Refinery Project

**Dates** : From Apr. 2007 till Jun. 2009

**Employer** : Saudi Aramco

**Project** : Khurais Mega Project (1,200,000 crude oil barrels / day)

**Job title** : Quality Control (QC) Manager

**Dates** : From Mar. 2006 till Mar. 2007

**Employer** : ALSTOM Germany Company

**Project** : Cairo North Power Station (2x750MW) Combined Cycle CP-106

**Job title** : Quality Assurance & Quality Control (QA/QC) Manager

**Dates** : From Aug. 2002 till Mar. 2006

**Employer** : Kahromika

**Project** : Rehabilitation for unit 3 in West Tripoli Power Station

**Job title** : Site Manager

**Dates** : From Aug. 2000 till May 2001

**Project** : Ayoun Moussa Power Station (2x320MW)

**Job title** : Construction Engineer

**Field of experience** :

- Installation, testing and start-up of Rotary and Static Equipment – Boilers, Heat Exchangers, HRSG, Gas Turbine, Steam Turbine, Compressors, Pressure Vessels, Pumps, Chillers, Stacks and Tanks.
- Installation and hydro Test for Critical and Non-Critical piping.
- Complete overhauling of turbine.
- Dress up clearance of gland seal (carbon rings).
- Labyrinth seals, diaphragm / liners, rotor, blade axial/radial clearances.
- Nozzle clearance setting.
- Rotor clearances axial radial.

- Bearing alignment thrust adjustment.
- Governor system adjustment and troubleshooting.
- Overhauling of gear box.
- Replacing bearings and gears.
- Checking back-lash and clearances.
- Setting axial-radial clearances.
- Checking and monitoring the reading equipments before the start-up of the plant / unit.
- Full supervision during the installation and alignment of reactor space: such as distance between scallops center pipe, expansion joints, shrouds to connections: and transfer pipe, elbow: base plate, base to isometric details.
- Assist vendors of all equipment packages for mechanical Completion.
- Supervision and Inspection of all static and rotating Mechanical equipment.
- Commissioning maintenance / operator for plant start-up.
- Perform the lube Oil flushing and chemical cleaning of equipments and lines.
- Responsibility for Structural Steel erection & alignment and Verticality. According to AWS D1.1 Standard and Saudi Aramco Standard.
- Installation, testing for Fire Sprinkler system inside Building and API Tank.
- Installation, testing HVAC system (Duct, FCU, AHU, chilled water pipes, Chilled Water pumps and chillers) as per American Society of Heating, Refrigerating & Air-Conditioning Engineers' (ASHRAE).
- Preparing Quality Control Planning for New Project.
- Preparing Welding Procedures Specification, Procedures Qualification.
- Record (WPS & PQR) & Welders Qualifications Tests with Different Welding.
- Processes (SMAW, GMAW, GTAW, etc....).
- Preparing (I&T Plan) for New Projects & Vendor Equipment's.
- Preparing Flushing Procedure for any System 's medium.
- Responsibility for welding Critical and Non-Critical Piping According TO ASME CODE.
- Handling All RT Interpretation, Vessels, Piping Skids Fabrication / Erection.
- Inspection, Post Weld Heat Treatment (PWHT) Survey and Diagram Check, Hardness Survey and Evaluate the Results, Pneumatic and Hydrostatic Test.
- Responsible for In-process and Final Verification of Quality Welding Activities for Fuel Oil Tanks (A P I Standards).
- Preparing pressure test package and turn Over for Owner.