

Holds a B. Sc. in Mining, Petroleum & Metallurgical Engineering and has about 6 years hands-on experience working as QC Engineer at several projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/09/1991
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Mining, Petroleum & Metallurgical Engineering, Cairo University, 2013

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D
: Acrobat Adobe Professional

TRAINING COURSES AND CERTIFICATIONS

: Certified Welding Inspector (CWI) – Cer. No 17014541.
: API 1104.
: SNT-TC-1A-2006 certified as LEVEL II in the following:

- Ultrasonic Testing (UT).
- Radiographic Testing (RT).
- Liquid Penetrant Testing (PT).
- Magnetic Particle Testing (MT).
- Visual Testing (VT).

: ASME Codes II, VIII, IX, B31.1 and B31.3.
: Trainings at:

- Khalda Petroleum Company.
- Helwan for Non-Ferrous Industries Company (factory 63).
- The Egyptian Company for Metallic Construction.
- Egypt Aluminium Company (EGAL).

- : Participated in the training program:
 - Introduction to the Eddy Current Testing.
 - Introduction to the Welding and Inspection Technology.
- : Independent coursework: NPTEL – E-learning courses from the IITS & IISC:
 - Steel Making - Web course.
 - Advances in Corrosion Engineering - Web course.
 - Destructive and Non-Destructive Evaluation - Web Course.
 - Analysis and Modeling of Welding - Video Course.
 - Nanotechnology Engineering.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2016 till now
- Employer** : National Steel Fabrication Company (NSF)
- Projects** :
 - ACC Steel Structure for West Damietta Combined Cycle Power Plant - One Unit
 - GIS Building steel structure for New Capital Power Plant – OC
 - Supply and Fabrication of Piping Workshop Building Steel Structure for Assiut Power Plant
 - Grand Egyptian Museum
 - ACC Steel Structure for Assiut Combined Cycle Power Plant - Two Units
 - AC Boilers Egyptian Branch
 - West Damietta / Egypt - Steel Structure, Ducts- Supply Contract – GEA
 - Platework for KEBIFA CEMENT PROJECT (Ain Kebira) – Algeria
 - Steel Structure for KEBIFA CEMENT PROJECT (Ain Kebira) – Algeria
 - New Cairo Waste Water Treatment Plant - Supply, Fabrication and Erection of Chq. plates, Handrails & Grating
 - Supply and Fabrication of Platework for Safwa II Cement Project – KSA
 - Burullus Power Plant
 - BP West Nile Delta Gas Development project-Squaring Pipe Ends (Cutting & Beveling)
 - ACC Steel Structure for Assiut Combined Cycle Power Plant - Two Units
 - ACC Steel Structure for West Damietta Combined Cycle Power Plant - One Unit
 - Steel Structure Buildings & Tank - West Damietta Power Plant Project - OC
 - New Capital Power Plant
- Job title** : QC Material Engineer
- Job Description** :
 - Materials Receiving (Visual and Dimension Inspection) according to Codes, Standards, Specifications, Publications, and Procedures.
 - Checking materials' Certificates.
 - Checking Steel Grade, Chemical properties, Mechanical properties, and Tests of the material.
 - Characterize materials to resolve failure and product enhancement.
 - Selecting the best combination of materials for specific purposes.
 - Testing materials to assess how resistant they are to heat, corrosion or chemical attack.
 - Witnessing of chemical and mechanical Tastings.
 - Witnessing of Ultrasonic laminar examination.
 - Analyzing data using computer modeling software.

- Offer material information and data to Engineering (Traceability).
- Analyze materials on manufacturing, product, supplier and customer concerns.
- Assessing materials for specific qualities and client requirements.
- Supervising quality control throughout the preparation and production process.
- Updating material and specify process.
- Advising on inspection, maintenance and repair procedures.
- Helping to ensure that products comply with national and international legal and quality standards.
- Liaising with colleagues in manufacturing, technical and scientific support, purchasing and marketing.
- Supervising the work of materials engineering technicians and other staff.
- Interpret results, write reports and communicate with engineers.
- Design workable project plans and timelines to reach goals.
- All duties according to ASME Codes, British Standards (BS-EN), International Standards ISO, DIN Standards and ASTM Standards, etc.

Dates : From Oct. 2016 till Dec. 2016
Employer : Petrojet
Project : Pipeline at El-Kureimat Solar Station
Job title : Freelance QC Engineer
Job Description :

- Check inspection and test plans (ITP), welding procedures (PQR/WPS), quality control plane and procedures.
- Check and ensure the materials used are correct in as per Std. Specification.
- Check fit up of pipe spools acc. to approved drawing.
- Check welding parameters during welding.
- Inspections of welds (visual).
- Check post weld heat treatment if required and hardness.
- Generate piping test packages in accordance with the piping line schedule.
- Duties according to API-1104.

Dates : From Mar. 2015 till Sep. 2015
Employer : Quality Control Group (as a third Party NDT Inspection Company)
Project : Waha Bridge at 5th Settlement, New Cairo
Job title : QC Engineer
Job Description :

- Elaborating and coordinating the welding specifications, and codes/standards.
- Coordination with the field subcontractors for all welding procedure specifications and procedures qualifications reports.
- Review course and effects of welding defects and take remedial actions.
- Review of the radiographic film and all NDT reports on a daily basis.
- Reviewing the inspection and testing methods and procedures for Radiographic, Dye Penetrant, Magnetic Particle, and Ultrasonic inspections.
- Witnessing any remedial repair welding.

- Witnessing of welder qualifications testing and procedures qualification testing.
- Reviewing of the welding summery reports.
- Advising the site subcontractors with regards to welding and testing.
- Monitor any Post Weld Heat Treatment on site and review the completed test reporting.
- Selection of welds for non-destructive testing.
- Recording and listing of defective welds.
- Monitor the control and issue of welding electrodes.
- Control the QC site welding inspectors.
- Complete site quality instructions to sub-contractors when required.

Dates : From Apr. 2014 till Mar. 2015
Employer : Egyptian Army
Project : Development of Sidi Barrani Military Airport (Military Service)
Job title : QC Engineer

Skills:

- Familiar with most of codes and standards such as ASME, API, ASTM, AWS, DIN, BS-EN.
- Familiar with all of the Destructive and Nondestructive testing methods.