

**104915-MEC-4KQVWYZk-E-2005**  
**QA/QC Material Inspection Engineer (Section Head)**

Holds a B. Sc. in Mechanical Engineering and has about 13 years hands-on experience working in welding inspection and QA/QC.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 04/10/1981  
Gender : Male  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Mechanical Engineering, Higher Technological Institute 10th of Ramadan City, 2005

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: IWE – International Welding Engineer (0758), Cairo (2009).  
: CWI – Certified Welding Inspector 12043481, Cairo (Apr. 2012).  
: ASNT LEVEL II RT, PT, MT, VT, UT; CAIRO, QUALITY CONTROL BY PETROMAINT (2005).  
: HYDRO-TESTING TECHNOLOGY, HIGHER TECHNOLOGICAL INSTITUTE (Jun. 2007).  
: RADIATION PROTECTION COURSE, Jordan (Jun. 2008)-  
: RADIATION PROTECTION COURSE, Al-Azhar University (2010).  
: SAFETY ENGINEERING COURSE, SUEZ BRANCH (Aug. 2007).  
: OSHA (May 2008).  
: Material testing (destructive test), AUC, Cairo (2010).  
: GOETHE ZERTIFIKAT A2.  
: ILETS (International English Language Testing System).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Sep. 2015 till now  
**Employer** : Petrojet  
**Project** : Central workshop (Pressure Vessels)  
**Job title** : QA/QC Material Inspection/Engineer (Section Head)  
**Job Description** :

- Spearheaded the inspection and testing of fabrication of pressure vessels, Pipes, exchangers and storage tank, etc.
- Performed the implementation of the site Quality Plan and all procedures and specification concerning the inspection of the project.
- Initiated development inspections as per code ASME code.
- Successfully coordinated for Quality inspection matters liaising with sub-contractor management and work force.
- Reviewed and ensured that appropriate consumables were distributed to welders in order to make sound weld.
- Inspected dissimilar metal joining such as stainless steel to carbon steel; qualification & performance monitoring of welding personnel.
- Monitored various welding process like GTAW, SMAW, FCAW (auto & semi auto) & SAW.
- Effectively witnessed the tests such as vacuum test, diesel penetration test, measurement accuracy test UT, PT, MPI & Oil.

**Dates** : From Apr. 2013 till Sep. 2015  
**Employer** : Petrojet  
**Project** : Zobier Gas Station, IRAQ  
(Fabrication & Erection of 4 Storage Tanks with various Diameters, Assembly, Fabrication & Erection of 65000 Inch Diameter Piping & erection of 1300 Ton Steel Structure)  
**Job title** : QA/QC Engineer (Senior Welding Inspector & QA/QC Assistant Manager)  
**Job Description** :

- Reviewed and accepted material receiving inspection for Plates/Pipes, Fittings, Valves, Instruments, and vendor supplied Equipments.
- Instrumental in initiating, recommending and assisting in providing effective solution to problems that arised concerning visual inspection, magnetic particle testing, penetrant testing and ultrasonic testing inspection.
- Ensured Quality Standard and Procedures were maintained and oversaw Radiographic interpretation.
- Supervised and inspected Welding, Pre-heat and Post Weld Heat Treatment of weld.
- Conducted Welder qualification test and issued certificates.
- Monitored various welding process like GTAW, SMAW, FCAW (auto & semi auto) & SAW.
- Addressed settlement checking of Piping, line checking, mechanical and QC clearance of hydro test packages.
- Performed line checking/prepare and check official test pack prior to release for hydro testing by ensuring that all welding inspection and NDT activities affecting the quality of welds contained in each piping spools of an isometric have been completed and accepted.

**Dates** : From Jun. 2012 till Apr. 2013  
**Employer** : Petrojet  
**Project** : PDO PIPELINE, OMAN  
(FABRICATION OF 20 INCH PIPELINE (170KM))  
**Job title** : QA/QC Engineer (Senior Welding Inspector & QA/QC Assistant Manager)  
**Job Description** :

- Prepared QA/QC procedures for various clients; coordinated for all destructive and non-destructive testing at various sites for different clients.
- Inspected fabricated pipes & structures, welding inspection, quality control, Radiographic Film interpretations etc.
- Managed alloy verification and familiarized with Approved Drawings, Governing Standards and Specification.
- Regulated all the pipeline work such as inspecting the joints and the surface finish of the product.

**Dates** : From Jun. 2011 till Jun. 2012  
**Employer** : Petrojet  
**Project** : EL DISI PIPELINE PROJECT PART 4 – EL HASA / JORDAN  
(FABRICATION OF 66 INCH PIPELINE (27KM))  
**Job title** : QA/QC Engineer (Senior Welding Inspector & QA/QC Assistant Manager)  
**Job Description** :

- Coordinated for all destructive and non-destructive testing at various sites for different clients.
- Inspected fabricated pipes & structures, welding inspection, quality control, Radiographic Film interpretations etc.
- Managed alloy verification and familiarized with Approved Drawings, Governing Standards and Specification.
- Regulated all the pipeline work such as inspecting the joints and the surface finish of the product.

**Dates** : From Jan. 2011 till Jun. 2011  
**Employer** : Petrojet  
**Project** : Hebshan 5 Pipeline – Abu Dhabi, UAE  
(FABRICATION OF 9 GAS PIPELINE & 1 HDPE WATER PIPELINE & 1 GRP WATER PIPELINE)  
**Job title** : QA/QC Engineer (Senior Welding Inspector)  
**Job Description** :

- Reviewed all types of process documentation required for fabrication, erection and commissioning, etc.
- Development and implementation of inspection checklist and report/format.
- Regulated all the pipeline work such as inspecting the joints.
- Prepared QA/QC procedures for various clients.

**Dates** : From Dec. 2007 till Jan. 2011  
**Employer** : Petrojet  
**Project** : APC Cold Crystallization Project Phase II – Jordan  
(Fabrication & Erection of 25 Storage Tanks with various Diameters, Assembly, Fabrication & Erection of 70000 Inch Diameter Piping & erection of 5400 Ton Steel Structure)

**Job title** : QA/QC Engineer (Welding Inspector & NDT Coordinator)  
**Job Description** :

- Communicated for quality inspection matters liaising with sub-contractors management and work force.
- Initiated, recommended and assisted in providing effective solutions to such problems that may arise concerning visual inspection, magnetic particle testing, inspection, penetrant testing and ultrasonic testing inspection.
- Arranged the various Test Packages and Conduct the Inspection (Hydro-test & pneumatic test) with clients.
- Provided training to field inspectors and construction coordinators in various welding procedures and their inspections.
- Maintained all the necessary paperwork for the welding procedure and the qualifications required for performing it.
- Administered all the welder exams to check that they are in compliance with the necessary permits and standard procedures.
- Performed statistical analyses using computer models to test conformance to specifications.

**Dates** : From Feb. 2007 till Dec. 2007  
**Employer** : Petrojet  
**Project** : Zait Bay Projects, Red Sea  
(The New Deck for El Amal Platform, The New Extension Plant for Agiba and 600 Ton Steel for Compaction Plant Petrobel)

**Job title** : QA/QC Engineer (Welding Inspector)  
**Job Description** :

- Initiated development inspections as per code ASME code.
- Prepared QA/QC procedures for various clients.
- Maintained all the necessary paperwork for the welding procedure and the qualifications required for performing it.
- Administered all the welder exams to check that they are in compliance with the necessary permits and standard procedures.
- Performed statistical analyses using computer models to test conformance to specifications.

**Dates** : From Jul. 2005 till Feb. 2007  
**Employer** : Petrojet  
**Project** : TNW-2, SEMMAN, BARBONI AND ANSHOGA Platforms – El Maadia Fabrication Yard (Alex)  
(Fabrication, Erection and Testing for all the platforms)

**Job title** : QA/QC Engineer (Welding Inspector)  
**Job Description** :

- Visual inspection of welded joint profile, surface finish and defects.
- Initiated, recommended and assisted in providing effective solutions to such problems that may arise concerning visual inspection, magnetic particle testing, inspection, penetrant testing and ultrasonic testing inspection.
- Arranged the various Test Packages and Conduct the Inspection (Hydro-test & pneumatic test) with clients.
- Verification of weld repair work.
- Maintained all the necessary paperwork for the welding procedure and the qualifications required for performing it.
- Monitoring & follow up of Quality documents as per ISO standards.

- Administered all the welder exams to check that they are in compliance with the necessary permits and standard procedures.
- Performed statistical analyses using computer models to test conformance to specifications.

- Field of experience :**
- About 13 years of experience in Quality Assurance, Inspection & Testing, Power Utilities, Petrochemical and Oil & Gas Sectors. Adept at carrying out various tests and inspection for various processes and checking the quality standards of final goods at suppliers' end. Demonstrated acumen in ensuring that processes are conducted in accordance with specified guidelines and regulations.
  - Insightfulness in planning and initiating improvements to the supplier quality areas as needed to meet changing demands. Possesses sound knowledge about QA/QC, NDT, DT & PWHT activities. Splendid questioning and listening skills with ability to analyze responses, understand clients' needs and focus on quality, precision & punctual delivery of results. Possesses leadership skills including recognizing the strengths and weaknesses in others as well as oneself and willing to perform additional activities.
  - Conversant with various International Codes such as ASTM, ASME, API, AWS D1.1, AWS, BS, DIN, etc.
  - Project Management:
    - Spearheading activities involving working out various requirements & monitoring overall project operations for ensuring timely completion.
    - Coordinating projects for the set up standards with accountability for strategic utilization & deployment of available resources to achieve organizational objectives.
    - Monitoring the activity at sites and review of project schedule, estimating & costing within budget, planning for cash flow requirements, etc.
  - Quality Assurance:
    - Devising and implementing company quality assurance program in compliance with company requirements.
    - Prioritizing quality assurance responsibilities based on the integration of new designs and products into current production schedule.
    - Reducing zero hour failures at customers end by controlling the quality during production with effective feedback & closure systems.
  - Quality Control (Inspection & Testing):
    - Inspecting and testing the products at various stages in the production process.
    - Establishing testing procedures to determine a product's dimensions and characteristics.
    - Performing testing on the materials, parts, finished products to measure product performance under a variety of conditions.