

**100523-MMP-45CGQW-E-2001**  
**Senior Quality & Integrity Inspector**

Holds a B. Sc. in Metallurgy Engineering and has about 14 years hands-on experience in Quality Control & Quality Analysis / Construction Management.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 03/07/1979  
Gender : Male  
Residence : Currently Qatar

## EDUCATION

: B. Sc. in Metallurgy Engineering, Cairo University, 2001

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Training in Berlin University in Germany for 2 months in the field of Casting and Production of Non-Ferrous Alloys.
- : Training for 45 days on RTD equipment which using for automatic ultrasonic inspection for pipelines.
- : Training for API 510, API570, API571, API579 and ASME PCC-2.
- : Certificates:
  - CWI.
  - Radiographic Test Level II.
  - Ultrasonic Test Level II.
  - Magnetic Test Level II.
  - Dye Penetrate Test Level II.
  - Protection against Ionizing Radiation – Al-Azhar University.
  - Fundamentals of Welding Engineering and Quality Control – American University in Cairo.

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2009 till now
- Employer** : Qapco (Qatar Petrochemical Company)
- Project** : Ethylene Plant
- Job title** : Senior Quality & Integrity Inspector
- Job Description** :
- Performing Galium-RBI (Galium risk based inspection) implementation, onstream and of-stream (shutdown) inspection activities in the gas plant.
  - Leading integrity inspection and testing activities as per inspections and integrity management programs and plans.
  - Following work schedule and instructions received from the Sr. Lead Inspection Engineer ensuring that inspection and testing is done according to specific instructions, applicable work methods & procedures, in compliance with QHSE standards.
  - Conducting inspection/survey of facilities, using various inspection techniques including visual inspection & NDT and evaluating findings, accepting or rejecting inspected components according to their criticality such as elbows, tees, HAZ, reducers, dead-ends, butt welds, fittings, straight pipe, and so on.
  - Reviewing and updating the inspection findings during previous turn-around surveys, for finalization of shutdown work lists Inspecting execution of repairs & modifications and performing relevant testing prior to final acceptance by Inspection Superintendent.
  - Contributing in:
    - Internal inspection of stationary equipment (vessels, tanks & heat exchangers).
    - Managing pressure relief valves (PSV's) inspection activities (pop test, leak test and set pressure calibration).
    - Facilitating inspection activities and obtaining required PTWs by coordinating with Operations QHSE and Inspection service contractors' staff.
  - Creating shutdown package including isometric & piping and instrument diagram & material traceability.
  - Formulating inspection reports and certificates after the completion and verification of the work done in line with statutory requirements and approved policies and procedures.
  - Ensuring adherence to the company health, safety & environmental policies.
  - Attending HSE meetings and company QHSE promotional programs.
  - Preparing reports on accidents, incidents or near misses and submitting to the Supervisor/Manager or QHSE Department.
  - Making and attending two major GSD 2014 & 2015.
  - Working on shutdown package such as Isometric, Piping and instrument Diagram, Hydro Tests Loops, Material Traceability and Welding Visual Inspection & NDT Inspection.
  - Organising HAZOP Meeting and studding it is recommendation.
- Dates** : From Mar. 2009 till Aug. 2009
- Employer** : ENPPI

**Project** : QASER Al-Salam Pipe line & Gas Plant (Khalada Co.), Western Desert

**Job title** : Senior Quality Control & Construction Engineer

**Job Description** :

- Pivotal in witnessing N.D.T. of Visual Test, Dye Penetrate Test, Magnetic Particle Inspection, Ultrasonic Test and Interpretation Radiographic films according to Specifications and standard codes ASME, API Standards.
- Observed welder's performance (welder qualification tests), calculated welding repair rate and joints for each welder using database programs.
- Shouldered the responsibilities of material receiving and inspection of piping, fittings, valves, lifting tools, equipment tanks, pressure vessels heat exchanger, plates & steel section.
- Monitored the preparation of PQR & it is destructive test and WPS.
- Prepared test packages (loops).
- Involved in pipeline project planning, screening of pipeline project opportunities, route selection, third party and environmental impact studies, feasibility assessments and concept selections, and front-end design; reviewed Project specification and P&ID s.
- Managed piping technical queries and investigating all field pipe work related problems, including the drawing of field sketches when necessary
- Coordinated with engineering and construction and liaise with the client on detail engineering requirements.
- Raised MTO (s) for all materials required to additional materials for hydro test.
- Led piping erection operations and provided pipe support installation in accordance with schedule, procedures, specifications, priorities and availability of construction drawings.
- Performed Mechanical Clearance, Conducting Hydro and Pneumatic tests, fulfilling commissioning and Pre-Commissioning requirements.

**Dates** : From Jul. 2008 till Mar. 2009

**Employer** : SGS EGYPT - Industrial Division DSD

**Projects** :

- Cairo West Power Plant (Piping, Steel & Plate fabrication)
- El-Tebbin Power Plant (Piping, Steel & Plate fabrication)
- New Doha International Airport (Piping, Steel & Plate fabrication)
- Alstom Power Plant in England (Piping, Steel & Plate fabrication)
- Gamesa Wind Towers (Plate fabrication)

**Job title** : Senior Quality Control & Material Control Engineer

**Job Description** :

- Monitored all pre-fabrication work CNC Cutting for plates and steel sections and built up section fabrication.
- Pivoted in witnessing for N.D.T. (Visual Test, Dye Penetrate Test, Magnetic Particle Inspection, Ultrasonic Test and Interpretation Radiographic films) according to the specifications and standard codes BS, AWS, EN, DIN standards for plate work and steel sections.
- Executed power plants projects mentioned in Annex, along with the Wind Towers fabrication owned by Gamesa.

**Dates** : From Sep. 2007 till Jul. 2008

**Employer** : Egyptian Liquefied Natural Gas Company (ELNG) Out Source Petromaint

**Job title** : Quality Assurance / Control Engineer in Asset Integrity Dept.

**Job Description** :

- Responsible for carry out N.D.T. (Visual Test, Dye Penetrate Test, Magnetic Particle Inspection, Ultrasonic Test and Interpretation Radiographic films) according to specifications and standard codes ASME, AWS and API for Pipelines modifications in gas plant.
- Monitor welder's performance (welder qualification tests), calculation of welding repair rate and welding joints for each welder using data base programs.
- Preparing test packages (loops).
- Pipeline modification design according to standards & specifications and material selection and monitoring pipelines fabrication.
- Preparing and performance of internal audits and of regular reports concerning quality operation.
- Material receiving and inspection (Piping, fittings, valves, etc.), lifting tools, equipment (Tanks, Pressure Vessels Heat Exchanger, etc.).
- Drawing free hand sketch for piping modification in gas plant.
- Preparing shut down package including Isometric, Piping and instrument diagram, Hydro tests Loops, Material Traceability and welding Visual Inspection & NDT inspection.
- Preparing PQR and it is destructive test and WPS.
- Preparing engineering study, fabrication & installing of new modification in MOC system (Management of Change).
- Holding HAZOP meeting and study it is recommendation.
- Working during 3 shutdowns activities MOC, Internal inspection for static equipment and pipelines.

**Dates** : From May 2004 till Sep. 2007

**Employer** : The Petroleum Projects and Technical Consultation Co. (Petrojet)

**Projects** :

- Kafr El-Dawar – Janaklise Pipeline (55 km) (from Feb. till Sep. 2007)
- Petrochemicals Plant (E-LAB) (from Sep. 2006 till Feb. 2007)
- Wastani Gas Plant phase III (from Feb. till Aug. 2006)
- Wastani Gas Plant phase II and pipelines (from Sep. 2005 till Feb. 2006)
- Sapphire Gas Plant (from Feb. till Sep. 2005)
- Simian/Sienna Gas Plant (from May 2004 till Feb. 2005)

**Job title** : Quality Assurance / Control Engineer

**Job Description** :

- Responsible for carry out N.D.T. (Visual Test, Dye Penetrate Test, Magnetic Particle Inspection, Ultrasonic Test and Interpretation Radiographic films) according to specifications and standard codes ASME, AWS and API for Piping, pipelines and Storage Tanks.
- Preparing inspection reports concerning Inspection observation, notes and recommendation for non-conformance records.
- Preparing the Welding Procedure & Procedure Qualification Record.
- Specification preparing and performance of internal audits and of regular reports concerning quality operation.
- Monitor welder's performance (welder tests qualification and calculation of welding repair rate and welding joints for each welder using data base programs).
- Preparing test packages (loops) and carry out inspection for it field of experience is in gas plant, pipeline and oil industries projects.

**Dates** : From May 2003 till May 2004  
**Employer** : Al Nasr Casting Company  
**Job title** : Quality Assurance / Control Engineer  
**Job Description** : Responsible for and carry out N.D.T. (Visual Test, Ultrasonic Test) and D.T. (Tension, Impact and Hardness Tests) for casting products.

**Field of experience** :

- Lead the implementation of Software for Asset Integrity Management - Galiom (DNV-GL) Qatar/Malaysia Office.
- Coordinated with clients Petronas, British Gas, Gas De France, Total Project Management Consultants Bechtel, Saipem, Uhde process / construction engineers and senior management to ensure engineering, supplies & construction activities within scheduled time & cost parameters.
- Inspected sites activities, works, tools & equipment and ensured compliance to safety regulations; provided regular updates to HSE Manager.
- Guided control of repair welding, review & interpretation and witness of other NDT for piping and structural work.
- Developed and implemented stage-by-stage quality assurance and control system to ensure adherence to technical specifications/codes & standards/ contract.
- Prepared & reviewed project specific inspection and test plan, reviewed procedures and maintained QC documentation to ensure adequate documented evidence was available to prove contract compliance.
- Experienced in job list preparation and thorough internal inspection of static equipment during turnaround period of refineries and preparing final shutdown reports for management perusal / future action.
- Key Skills:
  - Quality Control & Analysis.
  - Inspection & Testing.
  - Project Management.
  - Fabrication.
  - Construction Management.
  - EHS Management.
  - Shut-down Activities – Energy.
  - SAP Implementation.
  - Team Building & Leadership.
- Highlights:
  - Implemented Software for Asset Integrity Management.
  - SAP Implementation.
  - General Shutdown activities in Energy.
  - Attended two major GSD 2014 & 2015.