

101323-MMP-45IQVWXYZ-E-2003

Senior Welding / Piping Engineer

Holds a B. Sc. in Metallurgical & Material Science Engineering and has about 18 years experience in quality control and quality assurance, welding inspection, Non-destructive tests & destructive Tests in the fields of (Pressure Vessels, piping, tanks & Pipelines) at gas, oil, Fertilizer industry, Petrochemicals Industrial and industrial engineering projects, familiar with international codes (ASME, API, AWS, ...) and international Specifications. Onshore activities as construction of oil / gas storage facilities, refiners and petrochemical plants (piping system, pressure vessels), pipe lines, Steel structure (platforms, Pipe Bridge, handrails, ladders).

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Metallurgical & Material Science Engineering, Suez Canal University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : API 570 Authorized Piping Inspector, certificate No 91038.
- : Certified Welding Inspector "CWI" according to AWS QC.1, certificate No 13043751.
- : Certified ISO 9001:2015 Auditor / Lead Auditor.
- : Occupational Safety and Health Advanced Diploma, IASP (International Association Safety Professional).
- : ASNT Level II according to (SNT-TC-1A) in the following NDT:
 - Radiographic Testing (RT).
 - Ultrasonic Testing all configuration (UT).
 - Magnetic Particles Inspection (MT).
 - Liquid Penetrant Inspection (PT).
- : Radiation protection program from Egyptian Atomic Energy Authority (2008).
- : Courses and training in coating and painting of pipe lines, EPRI.

- : Permit to Work "PTW" & Performing Authority training from ROSETTA TRAINING CENTRE.
- : Leadership with Safety program from Oil & Gas Skills (OGS).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2020 till now
Employer : ENERGYA STEEL SOLUTION COMPANY
Job Description :

- New EDC Cracking Unit Project, Alexandria (Senior Welding / Piping Engineer).
- Crude Oil Tank Farm Double Deck Floating Roof, 110 MT Diameter Project, RAS GHARIB AREA (QA/QC Site Manager).

Dates : From Sep. 2019 till Mar. 2020
Employer : Tecnimont Arabia Limited (TAL) – Yanbu Projects
Project : Reinstatement of Polypropylene Plant Project
Job title : QA/QC Welding Inspector

Dates : From Jun. 2019 till Aug. 2019
Employer : TUV Rheinland, Egypt Branch
Project : Fagour / Meliha Pipe Line 10", 130KM Project
Job title : Third Party Inspector (TPI)

Dates : From Jan. 2017 till Apr. 2019
Employer : Marie Tecnimont S.P.A
Project : Ammonia & Urea Fertilizer Project
Job title : QA/QC Team Leader & Welding Inspector

Dates : From Mar. 2016 till May 2016
Employer : Bureau Veritas, Egypt Branch
Project : West Harbour Gas Treatment Plant Shut Down
Job title : QA/QC Welding Inspector

Dates : From Nov. 2008 till Nov. 2016
Employer : Egyptian Petroleum Research Institute (EPRI)
Job Description :

- QA/QC Welding Inspector & Construction Engineer:
 - Shahd / Shahd-Se / Qarun Crude Oil Pipeline, (6", 10") 3 / 83 K.M" & 12" P/L Onspec Petroshahd Receiving Station at Qarun Area, 1 K.M
 - Install 2 * 1000 Bbl. Tank @ Zeina Oil Station
 - Karama Power Plant Extension – Phase II
 - Install New 20000 Bbl. Separator at Ned Oil Station
 - Install 2400 Bbl. Tank at Ed Water Flood Station
 - Mesada Trunk Line Upgrade from ANSI 150 To ANSI 300
 - Karama Sw. Water Flood Station Upgrade (Install Triplex High Pressure Pump)

- Samra – 02 & 03 Water Flood Station Upgrade (Install Triplex High Pressure Pump)
- Karama Nw / Karama Sw 4" Pipe Line 5 Km & Fabrication of Launcher & Receiver
- Neama / Yomna 8" Trunk Line 8 Km & Fabrication of Valve Rooms
- Mesada / Rabwa / Rahma / Hamra 8" Trunk Line 23km & Fabrication of Valve Room
- Samra – 02 & 03 Water Flood 5000bbls Two Tanks Repair
- QC Welding Inspector:
 - Rosetta Gas Field Development Upgrade Project "Onshore Separation"
 - Taurt Phase II / Hapy Field Extension
 - Assiut / Aswan Gas Pipeline 32"/30", 520 KM
 - Aswan / Kima Gas Pipeline 24", 24 KM
- Painting Inspector:
 - New Land Oil Train & New Water Disposal Steel Structure
- Coating Inspector:
 - 10", 14" Red Sea Belayim Marine Field Development Project
 - Abo-soultan / Al sokhna gas pipeline 32"
- Quality Control & Performance Authority (PA):
 - Western Delta Deep Marine Phase VII, Main Compression Project

Employer : Opco Inspection Company
Projects : • Meleiha Gas Development Plant
 • Meleiha W.D # 07 P/L
 • Jasmine # 04 P/L
 • Meleiha New Gas Plant 8" Sale Gas Pipeline
Job title : QA/QC Welding Inspector

Employer : Tanmia Petroleum Company
Project : North West - 02 Flow Line 4", 3 K.M
Job title : QA/QC Welding Inspector

Employer : Wenspect Inspection Company
Projects : • North Zeit Bay Development (Petro Kareem – Petro Amir 12" Gas Pipeline & Lp Connections with SUCO Facilities)
 • Petro – Nefertiti South October Development
Job title : QA/QC Welding Inspector

Employer : Quality Control Inspection Company
Projects : • Ras Bakr Shut Down
 • 14" Loading Line of Heater 1B at Process
 • 6" Water Injection Line at EDFU Platform
 • 12" Crude Oil Pump #6 at Morgan – 36
 • Replacing 6"*3" Fuel Gas Piping of Heaters at process
 • 2" Seal Air Line of Module A at OCTOBER Platform
 • 2" Drain Line from First Scrubber of Module C to Hermis Hilal
 • 18"*8" Replacing Corroded Portion in inlet of V-2625
 • Intersection Piping of Module A&B at Shoab. Ali

- Replacing 12" Drain of Upper Tank at Ballast
 - 2"*4" brine line of De-salter 1A, 1B
- Job title** : QA/QC Welding Inspector
- Employer** : Memphis EgyTest Company
- Projects** :
 - El-Menyia Cement Company
 - El-Kureimat Power Station, Phase II
 - Al-Hashemiya Contracting Company
 - Egyptian Fertilizers Company
- Job title** : NDT & Welding Inspector
- Field of experience** :
 - Ensuring the Quality Control Systems, as defined in the Manual is implemented for all Code fabrication, repairs and alterations.
 - Review Design drawing and ensuring their matching with code requirements from the point of view of welding and tests.
 - Preparing QA/QC documents before the start of the project.
 - Review/prepare WPSs & PQRs & WPQRs and Coordinate with testing agencies for PQRs required tests.
 - Ensuring all welding Procedure specifications, Inspection and Test Plan, ISO Drawings and all relevant QC documents are issued, monitored and followed to the latest.
 - Monitoring all fit-up and welding activities.
 - Ensuring that welding/NDT activities are carried out by Contractors in accordance with approved Welding/NDT Procedure Specifications, Method Statements, Project Specifications, Project Procedures and relevant Codes & Standards.
 - Performing Inspection and supervision of the welding/NDT Activities carried out on the Construction sites and/or Contractor's workshops in accordance with approved Contractors ITP Inspection points and related notifications.
 - Ensuring that Inspection & Test Plans are timely basis applied by Contractors and that project requirements as listed in ITP are fulfilled for each welding/NDT activity.
 - Check on the welds by visual.
 - Welding electrodes can be check according to the proper procedure used.
 - Monitoring welder's performance and to maintain a record of qualification of qualified welders.
 - Monitored all welding procedures in the line for conformance and take appropriate actions in situations that depicts non-conformance. Review of QC procedures, monitoring contractor in all aspects of pipe lay activities during flow line installations and reporting production status and quality issues to senior management.
 - Inspection of Pipe Fabrication (shop & field joints) as per isometrics.
 - Assure NDE and pressure tests are carried out in accordance with code and Owner specifications.
 - Complete all weld mapping and request required NDE, document all non-conformances and Collect as-built information.
 - Monitor daily construction activities & provides direction to field personnel and contractors.

- Outline the general duties and responsibilities of all contractors and sub-contractors during all the operations of pipeline construction activities.
- Performing (RT, PT, MT) examination, interpretation of the results according to the specified code and giving feedback to the welders.
- Witness for hydrostatic testing activities (cleaning, gauging, hydrostatic testing).
- Qualify Welders (WQT) with different welding processes (SMAW, GTAW) according to applied code.
- Request, Coordinate and Witness Non-Destructive Testing (NDT) like radiographic test (RT), Magnetic Particle Test (MPI), Penetrant Test (PT), Ultrasonic Test (UT).
- Crossings (roads, canals, high ways, construction).
- Witness for laying, Pipeline Tie-Ins and HDD.
- Issuance of Non-Conformance and Corrective Action Reports.
- Co-ordination with Design / NDT / Welding Department & Customer.
- Verification, recording and reporting of all welding inspection and test activities as indicated in the Project specific inspection and Test Plan.
- Preparation of test package for piping work and pipelines.
- Carried out Field Coating for already welded pipes and also carried out quality testing on it like Peel Test, Pin Hole Test, and Holiday Test on Coated Joints.
- Issue release for painting & insulation after coordination with civil& mechanical dept.
- Witness & Inspect each coat of application, and inspect completed paint System in accordance with client's specification.
- Check the temperature of field joint prior to application of heat shrinkable sleeve and that is per the manufacture data sheet.

Summary:

Worked as Quality Engineer, the responsibilities were about project quality assurance including preparation of all quality documents in addition of supervision on the pre-fabrication yard.