

Holds a B. Sc. in Petroleum & Mining Engineering (Metallurgical & Material) and has about 19 years' experience in Oil and Gas Construction Projects Industry, Fabrication, Fertilizer, Power Plants and Petrochemicals projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/08/1980
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Petroleum & Mining Engineering (Metallurgical & Material), Al-Azhar University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D & 3D
: Inventor 10

TRAINING COURSES AND CERTIFICATIONS

: Certified Welding Inspector (CWI) (License 15014121).
: Certified Piping Inspector (API 570) (License 39857).
: Certified ISO 9001-2015 Lead Auditor.
: ASNT-NDT Level II (RT, PT, UT, MT, VT) with the SNT-TC-1A.
: Tank Design & Maintenance training course.
: Course in cathode protection.
: ASME inspection Training course (ASME VIII DIV.1 - IX - V - II Part A).
: Course in storage tanks maintenance.
: Qualified tanks inspector API 650 and API 653.
: Training course in applied welding technology from the Egyptian Welding Academy.

- : Communication skills training course from Skills World Wide Company.
- : Management fundamentals training course from Skills World Wide Company.
- : Occupational health and safety specialist course from Occupational Safety and Health Institute (OHSAS18001).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2019 till now
- Employer** : BUREAU VERITAS EGYPT
- Project** : BAPCO MODERNIZATION PROGRAM
- Job title** : Senior QA/QC Inspection Engineer
- Job Description** :
- Review ITP and (WPS & PQR & QWT).
 - Perform Visual inspection for welding.
 - Witness and follow up welding activities.
 - Check including witness of dimensional & painting and coating inspection.
 - Follow up backing list for shipment.
 - New Construction:
 - Perform Third party inspection and verification certification activities within Bureau Veritas as a certification Body.
 - Apply Bureau Veritas Certification systems according to Bureau Veritas certification system & BV rules and regulations as per society procedures & guide notes.
 - Perform auditing for quality management systems for contractors to ensure the performance of the work execution.
 - Review contract specifications, procedure, work instructions and applied codes of practice.
 - Implementation & follow up of project quality objectives and requirements.
 - Check and review all QA/QC documents as procedures, reports and records.
 - Review NDT Procedures.
 - Review painting / coating procedures including work instructions and QC program.
 - Review of project welding books including WPS's, PQR's, WQTR`s & Welders certificates.
 - Review, check and verify of material certificates and follow up material traceability system.
 - Check Material receiving with material control & review Material Receiving Inspection Report "MRIR" according to material certificates, Purchase order and applied codes of practice.
 - Perform Visual inspection for produced welds.
 - Witness and follow up welding activities.
 - Witness and Verify NDT activities in accordance with the applied codes of practice.
 - Perform RT films Interpretation and check NDT contractor performance.
 - Review of working documents "vendor files" & final documentation.
 - Check quality equipment's performance and inspection instruments.
 - Verify and review suitable inspection plan compatible with the

project specifications and quality plan.

- In Service Inspection:
 - Conducting plant inspection as a Senior Plant Inspector, preparing quality control plan, follow up the inspection test plan, witness, verifying and supervise all the NDT, conducting visual inspection as per the required quality plan (preventive and predictive maintenance quality plan).
 - Reviewing, establishing and evaluating of all NDT, DT, WPS's, PQR's and WPQT's, etc. procedures.
 - Issuing the inspection reports including evaluation, inspection results and required recommendations.

Dates	:	From Jun. 2015 till Sep. 2018
Employer	:	GS Engineering & Construction
Project	:	ERC Refining Company
Job title	:	Senior QA/QC Piping Engineer
Job Description	:	<ul style="list-style-type: none">• Inspect materials prior to fabrication.• Fit up inspection.• Verify using correct WPS and qualified welders.• Verify proper welding machines and equipment.• Verify/correct preheating method and temperature.• Verify proper welding consumables and purging.• Verify Joint Identification with welder stamps.• Verify inter-pass temperature and welding parameters record.• Visual Inspection of completed welds.• Coordinate for NDE/PWHT with subcontractor, GS.• Coordinate with Subcontractor, GS. ERC for Fabrication related inspection records and getting ERC approval.• Assist with DCC for proper filing and Log for Inspection Records.• Witness of Welder Qualification Testing.• Witness of Procedure Qualification Test.• Coordinate with subcontractor for Welders Certificates and Cards and register update.• Coordinate with PWHT/ NDE subcontractor for NDE/PWHT of test coupons.• Perform inspection for Welding Consumables and Reporting.• Verify calibration of welding and PWHT machines and records update.• Assist welding inspectors for Fit up and welding inspection for Piping Spools.• Coordinate the achievement of (test pack) completion. Organize all tests packs and update the status of each test pack. Review test packages, check availability of material needed in executing hydro test & supervise pipe cleaning by means of flushing, steam or air blowing as per contractor Standard, procedures prior to hydro-testing activities. Make sure tests are delivered to the correct room and help monitor passing tests out. Advise Subcontractor Construction department to walk down and clear punch items after testing is completed, collect Test packages and certificates and scan it. Follow up, monitor and report on daily/weekly the progress of Tests.

- Dates** : From Jun. 2011 till Jul. 2015
- Employer** : Misr Petroleum Co.
- Job Description** :
- Senior Inspection Engineer & NDT Instructor in the following courses in (Training Center Mannar Misr Petroleum). Experience in developing training course materials and presenting training – both theoretical & practical training.
 - Inspection of Aboveground Storage Tanks and welded joints in a pipeline, Inspection of structural Fabrication (NDE) activities and review of NDT reports.
 - Tank repair and maintenance services, including bottom replacements, shell repairs, fixed roof repairs and replacements according to API 653.
 - Review ITP and (WPS & PQR & QWT).
 - Review designs for tanks and pipelines and inspection of raw material (visual, dimensions).
 - Experience in using the following Codes & Standards ASME Sec. VIII div.1, ASME IX, ASME Sec. II, ASME B31.1, B31.3, AWS D1.1, API 1104, 650, 653, 570.
 - Follow up & supervise plates preparation, construction, erection, welding, inspection on the bottom tanks by NDT (VT, PT, RT & VACUME TEST) after welding and (RT TEST) for shell plates and evaluate the results and (VT, PT TEST) on the welds for steel structure sections and Hydrostatic test. Supervise piping erection, welding, NDT tests.
 - Projects as pipelines:
 - Follow up fabrication of new pipeline for Misr Petroleum Company and PPC (Petroleum Pipelines Co.) to Cairo Airport.
 - Follow up fabrication of new pipeline in Hurghada Airport.
 - Follow up fabrication of new pipeline in Alexandria Airport.
 - Projects as tanks:
 - Follow up design of storage tanks, tanks accessories, P&ID, pumps, loading arms, Fittings, valves and pipelines of Misr Petroleum Company (Badr City).
 - Follow up fabrication of new water tank in Hurghada Airport.
 - Follow up fabrication of new oil tank in Alexandria with PETROMENT.
 - Construction Storage tanks of diam. 9 – 32 m, Height 12 – 14 m according to (API 650) in Alex & Port Said.
 - Fabrication of 5 vertical tanks in the fueling station for Borg El Arab Airport in Borg El Arab City (Egypt).
 - Fabrication of 8 vertical tanks in Petroleum Companies Re-location Project in Mostorod.
 - Turbine Pipeline 12" 1.5 km according to API 1104.
 - Fabrication of 11 horizontal fuel car tanks in PETROJET Central Workshop Kattamia.
 - Maintenance for 3 Tanks according to (API 653) (checks bottom, annular, shell, roof plates & Change the unaccepted areas) Inspection on bottom, annular, shell, roof plates by (UT thickness measurement, VT, PT TESTING).

Dates : From Mar. 2012 till Aug. 2012
Employer : Intertek Moody
Project : YEMEN LNG - BALHAF (38" Gas pipeline from Marib to Balhaf)
Job title : QA/QC Inspection Engineer
Job Description :

- Reviewed and verify the Calibration certificates of Equipments that will be used for the welding and repair.
- Reviewed and verify the C.V. and certificates of QC Inspectors that will be used for the repair.
- Reviewed and verify a final summary report of repair works.
- As per intervention requirements, to visually inspected welds on the new pipeline section, to attest NDE results by independent technicians, and extend technical support to document the said activity for quality assurance requirements.
- Inspected the fit-up of the joints, and pre-heating temperature as part of the pre-welding preparations.
- Document review for NDE technique & procedures used.
- Reviewed WPS & PQR.
- Inspection on pipe lines according to API 1104.

Dates : From Jan. 2011 till May 2011
Employer : Kharafi National
Project : Al-Shabab Simple Cycle Gas Turbine Units (8 gas turbines)
Job title : QA/QC Inspector
Job Description :

- Preparation of PROJECT QUALITY DOUCUMENTS in accordance with company specs that fulfills requirements of ASME code & Client's specification, such as: Project Quality Plan – Inspection and Test Plan – NDT Scope – Approved Welding Procedure – Approved Welder List – Approved welder activity - NDT Procedures - Approved NDT Personnel - Equipment's calibration list...etc.
- Inspection on pipe lines, steel structures, piping, RCCP, storage tanks, and pressure vessels pipe lines, ducts and power plants.
- Welding procedure specification (WPS).
- Procedure Qualification Record (PQR).
- Cover Visual, Radiographic, Ultrasonic Test, Dye Penetrant, Magnetic Particle, Pressure Test, Vacuum Box.
- Welder Qualification (WQT).
- Preparation of welding reports.
- Material Receiving Report (MRR) according to Material Certificate & Owner Specification.
- NDT & Heat Treatment Procedure.
- (Visual Examination before & during & after welding).
- Welding Examination (NDT after finish welding).
- Review and approving all procedure documents such as isometric drawings shop drawings, and as built drawings.
- Reviewing all the specification and standards for the project.

Dates : From Aug. 2007 till Dec. 2010
Employer : Orascom Construction Industries - Be-six

- Projects** : • Abu Qir Power Station (2x650MW) (CP-102)
• El-Tebbin Power Station (2x350MW) (CP-102)
- Job title** : QA/QC Engineer & N.D.T according to ASME B31.1
- Job Description** : • Reviewing Drawings, WPS.
• Material Certificates, Welder Qualification Certificates.
• Follow up Welder Qualification Tests.
• Check Fit up.
• Monitoring & Inspection of all Welding Activities.
• Radiography & Evaluation Results According to Applicable Codes.
• Performing Liquid Penetrant Test & Evaluating Results According to Applicable Codes.
• Follow up Erection of Feed Water Pumps (HP, LP & Condensate Pumps).
• Follow up Adjusting of Alignment.
• Performing Hydraulic Test for Pipe.
- Dates** : From May 2009 till Mar. 2010
- Employer** : LEAD (Contracting & Trading Ltd) - Saipam (Eni)
- Project** : MENZEL LEDJMET EAST PROJECT (GASSI TOUIL) EXPORT GAS LINES 30" & 14" & 12" & 18" 550 km - Algeria
- Job title** : PIPING QA/QC ENGINEER
- Job Description** : • Prepare all documentations Project Procedures, Method Statements, QCP's & ITP's.
• Prepare WPS's / PQR's required for Piping & Pipeline welding activities.
• Inspect delivered materials as per specifications before acceptance and approval.
• Review and compile Inspection Reports for all discipline in package type.
• Make weekly QA/QC report submitted to head office and also make weekly QA/QC Minutes of Meeting.
• Ensure that all document including drawings are in latest revision.
• Attended weekly contract construction coordination meetings.
• Supervised QC Inspectors discuss quality related issues to them and monitor their daily activities.
- Dates** : From Jul. 2004 till Jun. 2007
- Employer** : Engineering Industries Co. for Casting and Machining of Metals
- Job title** : QC/QA Metallurgy Engineer
- Job Description** : • Induction Furnace (operation - maintenance).
• Valves Designer (gate valve - safety valve - non-return valve - air valve - foot valve - Float valve - dismantling joint).
• Quality control of castings (Cast iron - Carbon Steel – Stainless Steel - Aluminum - Copper).
• Visual and laboratory control of all the raw materials.
• Complete control of the molten metal to guarantee the achievement of the required Chemical, mechanical, and physical properties.
• Regular follow and study of the microstructure for the Casting produced in each heat by the help of metallurgical microscope.
• Check of machining properties namely ultimate tensile strength and elongation and hardness.

- Finally, and after complete machining, the castings are hydraulically tested to be sure that it can withstand the required pressures.