

Holds a B. Sc. in Metallurgy Engineering (Mining & Petroleum) and has about 6 years hands-on experience working in QC, welding and NDT.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1988
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Metallurgy Engineering (Mining & Petroleum), Al-Azhar University, 2011

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Welding technology & Welding Metallurgy training course at Central Metallurgical Research & Development Institute (CMRDI).
- : Quality Control Training Course at Egyptian Iron & Steel Company.
- : Non-destructive Testing Techniques includes Visual Test, Dye penetrate test & Magnetic Particle Test at Central Metallurgical Research & Development Institute (CMRDI).
Qualified & Certified Non-destructive Test Level (II) Inspector in:
 - Quality Assurance (ISO 9001, 140001 & 18001).
 - Magnetic Particle Test (MT) (level II).
 - Ultrasonic test (UT) (level II).
 - Dye Penetrate Test (PT) (level II).
 - Radiographic Examination (RT) (level II).According to (ASNT-CT-1A) requirements.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2015 till now
Employer : ELSEWEDY POWER SYSTEM PROJECTS
Job title : Senior Quality Control Mechanical Engineer

Dates : From Jun. 2013 till Oct. 2015
Employer : Roots Steel International
Job title : Welding Supervisor, Senior Quality Control & NDT Engineer
at Quality Control Department

Dates : From Aug. 2011 till Jun. 2013 (full time)
From Mar. 2008 till Jul. 2010 (part time)
Employer : Quality Engineering Group
Job title : Quality Control Engineer (NDT Inspector Engineer)

- Field of experience** :
- As Senior Quality Control Mechanical Engineer (Piping System):
 - Lead the periodic reviews and document any deviation to ensure alignment with quality measures.
 - Inspection of incoming material.
 - Comparison of Mill Test Reports (MTRs) in accordance with relevant Codes.
 - Responsible for QC activities of site, arranging and providing support for inspectors at Sub-contractors.
 - Monitoring the welding process, site erection activity and electrode storages, handling and issuing.
 - Assure that the minimum preheat and post weld heat treatments are performed in accordance with the qualified welding procedures.
 - Reviewing the WPS for SMAW, GTAW process according to ASME Sec-IX Standard for Carbon Steel, Alloy Steel, Stainless Steel and Dissimilar Material.
 - Witnessing and Certifying the Procedure Qualification Record (PQR).
 - Witnessing and Certifying the Welder Performance Qualifications Test (WPQ).
 - Witness of NDT (RT & DPT) activities as specified in codes, standards and vendor documents.
 - Radiography film Interpretations.
 - Manage and monitor Sub-contractor Site Representatives to ensure that Sub- contractor quality team work efficiently and effectively at site.
 - Conduct quality audits on sub-contractors.
 - Issue NCRs for violation found during inspection.
 - Preparation of Hydrostatic Test Packages and Pneumatic Test reports.
 - Preparation of relevant QC Documents & Dossiers for submission to clients.
 - Knowledge of ASME CODES (Section IX, Section V, Section II Part-C, B 31.1).
 - As Operation Engineer in Power Plant Projects:
 - Responsible for operation efficient running of the Power Plant

including Steam Turbines, Boilers, Gas Turbines, HRSG, Cooling Water System, De-mineralized Water System, Fuel and steam System.

- Production and distribution of Blast Furnaces air, steam and electricity.
- Distribution and balancing of by-product gases.
- Operating and maintaining equipment, such as compressors, condensers, pumps, fans etc.
- Monitoring power plant equipment and indicators for performance.
- Responsible for taking operating parameters like reading gauges and indicators etc.
- Cleaning, lubricating, and maintaining power plant equipment.
- Responsible for collecting samples for laboratory testing.
- Coordinating plant operators for operating plants efficiently.
- Observing safety precautions and standards in carrying out activities.
- Maintaining accurate records of activities.
- Coordinating with technicians in carrying out jobs.
- Maintaining updated daily logs.
- Coordinating with other operators.
- As Welding Engineer in Workshop & Site Activates as following:
 - Check and follow up piping welding activity of P1, P11, P22, P91, copper.
 - Check and follow up of welding Pipe supports.
 - Check and follow up WPS and PQR during welding activity.
 - Check material identification according to the dwg. and material certificate of P1, P11, P22, P91, copper, Stainless.
 - Check and follow up PWHT activity.
 - Check and follow up the Fit-up of the welding joints.
 - Check and follow up welding process of (SMAW-GTAW) and Brazing.
 - Responsible for qualifying the welders.
 - Check and follow up welding visual inspection according to Specification.
 - Check and follow up NDT methods (PT-RT-MT-UT).
 - Reviewing isometric drawing and welding map according to last revision.
 - Prepare QC welding reports.
 - Prepare WIR, NCR, RFI and surveillance if needed.
 - Familiar with ASME V, ASME IX, ASME B16.5, ASME B31.3, ASME B31.1, AWS D1.1. API 1104, API 570, API 571, API 578, API 574 and API 577.
 - Check and follow up Sand blasting and painting inspection.
- As NDT Engineer:
 - Verify the suitable NDT method to be performed.
 - Perform nondestructive examination procedure.
 - Verify that additional NDT to be performed (if required).
 - Evaluation of NDT results of material and welding according Codes, Standards and specifications (interpretation of UT, PT & MT evaluation).
 - Indicate repairs positions.
 - Verify that all repairs has been done and taking class for Welders about the repair welds monitoring and controlling repairs and verify

the acceptance.

- Main Projects:
 - Beni Suef Combined Cycle 4800MW Power Plant, Beni Suef, Egypt.
 - Makah Station in Saudi Arabia, Roots Steel International (Welding Supervisor and NDT Service).
 - KAIA (King Abd El-Aziz International Airport) in Saudi Arabia, Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Saudi Arabia (Yanbou), Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Saudi Arabia (Khamis Meshayt), Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Saudi Arabia (Besha), Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Saudi Arabia (Gada), Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Ghana, Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Egypt (SCI), Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Egypt (National plastic), Roots Steel International (Welding Supervisor and NDT Service).
 - PEB Structural Steel in Egypt (National plastic), Roots Steel International (Welding Supervisor and NDT Service).
 - ARWA TOWER in Qatar, EMCON Co. (Inspection and NDT service).
 - Suez Gulf Power (Shut down).
 - El Tibben Power Plant.
 - Port Said Power Plant (Shut down).
 - Talkha Power Station (Inspection and NDT service).
 - Arish Cement Factory.
 - Haramain Train Station.
 - Bany Mazar Bridge (Arab Contactor) (Inspection and NDT service).
 - Borg El-Arab International Stadium (Arab Contactor) 3600 ton.
 - Steel Structure Inspection in (Arab contractor) Osman Ahmed Osman (26 Jul. Corridor).
 - Suez Steel Co. (Two Melt Shop, Rolling Mill & D.R.I), under supervision of Steel Tec Co.
 - El Hawamdia Bridge (Arab Contactor) (Inspection and NDT service).
 - New Damietta Bridge 1500 ton.
 - Saft El Laban Bridge (Arab Contactor) (Inspection and NDT service).
 - ZAMIL STEEL EGYPT (NDT service).
 - EGYSCO Steel Structure (Inspection and NDT service).
 - METALCO Steel Structure (Inspection and NDT service).
 - HOI/ASTE Inspection on Tower, monopole and High masts.
 - Cairo International Air Port, Egypt, Terminal One Interface Steel Structure (NDT Inspection, Material and Visual Inspection).
 - Arabic Company for Aluminum, Ismailia Desert Road, Egypt, Extrusion Piston Crack Repair (NDT Inspection, Material and Visual Inspection).
 - Dream Park, Egypt, Steel Play works special welding (NDT

- inspection and Visual inspection).
- El-Tebeen Water Pipe Line, Helwan, Egypt, Pipe line (NDT & Visual Inspection).
- EDC Egypt Drilling Co. - Setcore Service Co., Egypt, Drilling Pipes of the 55 Platforms (UT Inspection).
- Arab Contractors, Egypt, Town Gas Management Building in El Tagmoa El Khams, Columns I-Beams (PT & UT Inspection and Visual Inspection).
- SMART VILLAGE (Egyptian Stock Exchange), MEDCOM Co.
- Arab Contractors, Egypt, Assiut Steel Bridge (MT, PT & UT Inspection and Visual Inspection).
- TAV, AT EMKON Work Shops, Egypt, Pedestrian bridge at the Terminal three in Cairo International Air Port (NDT Inspection, Material, Dimension, and Visual Inspection).
- Petro Gulf, Petromean, Egypt, Platform tanks inspection (Ultrasonic wall Thickness measurements).
- Arab Contractors, El-Maasra Arsenal (Ships & marine inspections).
- Arab Contractors, El-Esmailia Arsenal (Ships & marine inspections).
- Fri Day's Steamer, Egypt, Ultrasonic Thickness measurements, MPI (Magnetic Particle Inspection and Visual Inspection).
- Mussezueora Steamer, Ultrasonic Thickness measurements, MPI (Magnetic Particle Inspection and Visual Inspection).
- Tebeen Power Station.
- MESR Steamer, Ultrasonic Thickness measurements, MPI (Magnetic Particle Inspection and Visual Inspection).
- SALOUMI Steamer, Ultrasonic Thickness measurements, MPI (Magnetic Particle Inspection and Visual Inspection).
- Magic Steamer, Ultrasonic Thickness measurements, MPI (Magnetic Particle Inspection and Visual Inspection).
- Shahrazad Steamer, Ultrasonic Thickness measurements, MPI (Magnetic Particle Inspection and Visual Inspection).