

Holds a B. Sc. in Production Engineering and has over 13 years hands-on experience working as Mechanical Quality Control Specialist for Mega Projects (Power Plants, Petrochemical Plants, Steel Making Plants, Waste & Sewage Water Treatments Plants).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/12/1982
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Production Engineering, Alexandria University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2010 (2D & 3D)
: Solid Edge V19
: Tekla Structure
: Primavera

TRAINING COURSES AND CERTIFICATIONS

: Certified Welding Inspector (CWI), QC1:2007, Standard for AWS Certification of Welding Inspectors (License No. 15012771).
: Certified API 570 Authorized Piping Inspector, API Certification (American Petroleum Institute (License No. 55446).
: Non-Destructive Tests according to the American Society for Non-Destructive Testing SNT-TC-1A (ASNT):

- NDT Visual Inspection Level II.
- NDT Ultrasonic Testing Level II.
- NDT Liquid Penetrant Testing Level II.
- NDT Radiographic Testing Level II.
- NDT Magnetic Testing Level II.

- : ISO Certificate Environmental Management System (EMS 14001:2004), Foundation & Internal Auditing (Mar. 2009).
- : OSHA General Industry Safety and Health (30 hours) (Apr. 2011).
- : OSHA Construction Safety and Health (30 hours) (May 2011).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2020 till now
Employer : METITO Overseas Limited
Project : NEW AL-ALAMIEN SEWAGE WATER TREATMENT PLANT 90,000 M³/Day
Job title : Mechanical QA/QC Manager

Dates : From Dec. 2018 till May 2020
Employer : METITO Overseas Limited
Project : AL-MAHSAM Drainage Wastewater Treatment Plant 1000,000 m³/Day
Job title : Mechanical QA/QC Manager

Dates : From Aug. 2017 till May 2018
Employer : PESCO - UAE
Project : PETROMASILA Simple Gas Cycle POWER PLANT 75MW - YEMEN
Job title : Team Leader Mechanical QA/QC Engineer

Dates : From Jul. 2016 till Jul. 2017
Employer : TECHINT
Project : Replacement of ETHYLENE Unit Heat Exchangers - SIDI KRIR for Petrochemicals in Service Maintenance & Partial Shutdown
Job title : Mechanical QA/QC Manager

Dates : From Jan. 2015 till Jun. 2016
Employer : ELSEWEDY PSP
Project : MAHMOUDIA GAS Turbine Generator 320MW Simple Cycle
Job title : Senior Mechanical QA/QC Engineer

Dates : From Feb. 2014 till Dec. 2014
Employer : KAHROMIKA / ALSTOM
Project : SUEZ Steam Turbine Generator and Condenser Gas/Oil Fired Power Station 1x650MW
Job title : Senior Mechanical QA/QC Engineer (Mechanical, Welding Piping & Tanks)

Dates : From Jan. 2012 till Jan. 2014
Employer : PSC / STF
Project : North Giza Power Plant 2250MW Combined Cycle (HRSG), CP-105
Job title : Senior Mechanical QA/QC Engineer (Mechanical, Welding Piping & Tanks)

Dates : From Feb. 2009 till Dec. 2011
Employer : PSC (Project Services Company) / TECHNIP
Project : 30,000m³ Ethylene Storage Cryogenic Tank at TCI Sanmar, Port Said
Job title : Mechanical QA/QC Engineer (Mechanical, Welding Piping and Tanks)

Field of experience :

- Proffer recommendations to company management on ways to improve on existing quality processes.
- Collect, compile, and analyze relevant quality statistical data to obtain information regarding quality performance.
- Supervise technicians, inspectors, and other company staff to ensure they perform their duties in line with established quality procedures.
- Ensure manufacturing processes are in compliance with both national and international standards of production.
- Establish quality procedures, standards, and specifications for a company.
- Collaborate with an organization's purchasing manager to ensure raw materials from external suppliers meet quality requirements.
- Monitor product development processes to identify deviations from quality policies.
- Conduct tests to verify the quality of raw materials and finished products.
- Review existing process and product specification to identify the need for improvement or upgrade.
- Approve compliant products and reject defective ones.
- Prepare and present reports to update upper management on quality activities.
- Maintain proper records of quality test, procedures, and standards.
- Prepare, Review Project Start-up document and coordinate quality activities.
- Review Project Specification, Code Requirements, Piping and Instrument Diagram, Piping Isometric, Layout and DWG.
- Prepare Method of statement, Work Procedure & Quality Plan:
 - Inspection and Test Plan.
 - Welding Documents (Procedure Qualification Record PQR, Welding Procedures Specification WPS, Non-Destructive Testing Procedure NDT, Welders Performance Qualification Records, Welders Certificates).
- Coordinate Quality Activities: Site installation and Inspection Activities, Workshop and fabrication inspection Activities, Quality Report, archiving system and Test Package and Handing Over documents.
- Field Experience:
 - Testing and Qualifying welders and Welding operators for welding activities.
 - Control and monitor the welding, Erection and Construction activities, making Dimension Check (ex. Peaking, banding, Plumpness and Roundness for Tanks and plate works, Dimension check, alignment and isometric inspection for piping).
 - Incoming material inspection.
 - Check equipment sole plate, shims dimension and installation, check anchor bolt for plumb, alignment, and projection,

Equipment's installation dimensions, leveling, alignment and torque check, Rotating equipment alignment (ex. Rim run out, face run out, angular alignment and parallel alignment using dial gauge and thickness gauge.

- Check all painting preparations and inspection works "Cleanness level, Roughness, Painting examination ex. Color RAL number, Dry film thickness DFT, wet film thickness, Adhesion test, pull off test, holiday detection test, make sure all work procedures are applied.
- Prepare Welding procedures, stainless steel pickling procedure, painting procedures, NDT procedures, Mechanical Procedures Tighten.
- Coordinate works with commissioning team, prepare and check pre-commissioning procedures "ex. PID punch list, identify flushing and testing loops, marking PID, locations of screen mesh and pressure gauges locations, check flanges tighten, valves statues normally open / normally closed and piping system cleaning and testing completion.
- Familiar with International Codes and standards: ASME B16.5, ASME I, ASME II Part A&C, ASME V, ASME IX, ASME B31.1, ASME B31.3, API 620, API560, AWWA D100, API 570, API 571, API 574, API 577 and API 578.
- Skills:
 - Particular hard skills, including a solid understanding of Construction standards.
 - Good Troubleshooting and problem solving.
 - Sound knowledge of engineering fundamentals.
 - Understand diagrams, drafts, flowcharts, isometrics - ISO, general arrangement drawings - GA, Piping and instrument diagram - PID and layout.
 - Analytical thinking & Data analysis.
 - Good technical report writing.
 - Prepare conclusions and analysis reports.
 - Write and maintain operating procedures and standards.
 - Read and interpret drawings and specifications.
 - Identify potential mistakes.
 - Mentor junior staff.