

Waseem Abbas (Quality Specialist)

Address – Tabuk Neom NRC-25 Saudi Arabia

Nationality – Pakistani Transferable Iqama

Driving License- Valid KSA

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- QMS ISO – 9001-2015 Lead Auditor
- **Certified** Project Management Professional (PMP)
- **Certified** Lean Six Sigma Black Belt and Green Belt (IMC)
- **Registered** from Saudi Council of Engineering (REG No. 977078)
- **Registered** from Pakistan Engineering Council (REG No. MECH/29768)

Summary

11+ years of hands-on experience in Quality Assurance & Control, Inspection & NDT aspects of Process Plant, Under Ground Pipelines, Power Plant, Oil & Gas Industry with specific knowledge of welding, Painting, NDT, PWHT & hydro testing of plant piping, relief valves, pressure vessels & Storage tanks, Infrastructure, RTR, HDPE, UPVC, underground DWV and aboveground utility piping, HVAC systems Firefighting Piping, STP Sewage treatment Plant. Well conversant with International Codes and Standards such as UPC, AWWA, NFPA 13, 14, 24, NFPA 90A, ASHREA, UMC, SMACHNA, ASME as well as Standards related to HVAC & Non-metallic utilities piping.

ACADEMIC QUALIFICATION:

- **BS Mechanical Engineering**
University of Engineering and Technology Lahore Pakistan (2014)
<https://www.uet.edu.pk>

PROFESSIONAL EXPERIENCE IN DETAIL:

POSITION: Inspector Mechanical NEOM ESTD Q&E Nov-2022 End Date 20 June 2025

Company Name: Bureau Veritas Saudi Arabia

Projects/ Regions: NEOM Outer Region and Oxagon.

COMPETENCIES / SKILLS

I. Quality Management II. Team Management III. Documentation IV. Auditing V. Reporting VI. Design Review

- Maintaining quality standards, ensuring stringent adherence to quality standards, norms & practices.
- Working in close coordination in work groups for supporting process audits and conducting review

and approval of quality plans and detailing quality requirements and finalizing the quality plan.

- Ensure full compliance with company safety regulations and HSE management systems.
- Verify that document control & distribution is in accordance with EPM and QMIS requirements. Scrutinize drawings to verify any discrepancies prior to its implementation.

SPECIALTIES:

- Quality Management System (QMS) / Quality Assurance / Quality Control
- Inspection and Destructive testing of HDPE Piping
- Quality Audits, NCR/CAR Management
- Quality Procedures/ Inspection and Test Plans Preparation, Review, and approval
- Vendor/Manufacturer Documents review and approval
- Document Control/ As Built Documentation Verification
- Review and approval of Hydro testing Test Packages
- RCA / TA (Root Cause Analysis / Trend Analysis)
- CAPA (Corrective and Preventive Action)
- Design review & Installation Inspection of Firefighting system
- Compliance to HSE Policies and Procedures
- Proactive approach to resolve Quality issues during Construction phase
- Review ITP's and method statements for infra RTR, HDPE, UPVC, underground DWV and aboveground utility piping
- Site surveillance, issuing NCR and doing follow up for the closure of INCR's and LBE's.
- Monitor Contractor's Quality Systems, records and Quality Personnel for compliance with requirements
- Attending coordination meetings with engineering department, MEP department and PID for the ongoing activities.
- Assigning inspectors for the inspection activities as required by site activities and approved ITP's
- Review special process procedures for mechanical activities as per Schedule Q requirement
- Documents Review including Quality Inspection Plans, Procedures, Method Statements WPS, and PQR.
- Prepare and review of hydro test packages as per scope of work.
- Inspection of Installation of Supply Air Duct & Return Air Duct
- Inspection of Installation of Exhaust Air Duct
- Inspection of Installation of chilled water piping
- Inspection of Installation of Duct insulation
- Witness of Leak Testing of Supply, Return and exhaust air ducts
- Witness of Leak testing for the chilled water piping
- Inspection of Installation of HVAC equipment
- Final Testing and Inspection of HVAC system and witnessed the TAB (Testing, adjusting and Balancing)
- Site inspections for Stationary & Rotatory Equipment's regarding quality (Leveling & alignments including Radial & Axial) prior to installations & after installation Physical Inspections of equipment's.
- Prepare weekly WIR, MIR Statics highlights

Plumbing Building and STP Sewage Treatment Plant Activities:

- Installation Inspection of PVC/UPVC piping, plumbing and building systems, ensuring compliance with safety standards and regulations, and resolving technical issues to ensure project quality.
- STP (Sewage Treatment Plant) STP systems and equipment, ensuring efficient wastewater treatment and compliance with environmental and safety standards.
- Detect early problems to mitigate the risk of damaged pipelines and plumbing systems

HVAC Activities:

- Verification and monitoring of contractor and subcontractor's quality control activities for HVAC equipment installation during erection.
- Review quality assurance and control of all HVAC job-related activities done and to be done on site.
- Conduct visual inspection of HVAC installation in progress to verify compliance with design drawings and relevant specification.
- Develop and maintain inspection procedures and techniques, throughout the construction, pre-commissioning, and commissioning stages.
- Report on daily inspection and testing activities and issuing non-conformance reports when the specification or procedural requirements are not met.
- Coordination with main contractor's MEP coordinator and Consult on all aspects of site inspections.
- To conduct surveillance on the inspection tests required in the technical provisions of the specification.
- To carry out the preparatory, initial and follow up inspections as per the approved ITP.
- Monitor and verify HVAC equipment preservation during construction phase.
- Participate in witness of HVAC equipment and system testing in pre-commissioning of all HVAC equipment including air and water balancing, refrigerant piping leak testing, hydrostatic test, ductwork leak testing and verification of compliance with specifications and design drawings.

Firefighting Piping Activities:

- Inspect and ensure the proper installation, maintenance, and functionality of firefighting piping systems, adhering to safety codes and industry standards for fire prevention and emergency response.
- Testing and commissioning firefighting piping systems, ensuring proper installation, functionality, and compliance with safety standards and regulations before project handover.

Nov-2021 to Oct -2022

POSITION: QA/QC Inspector HVAC

Project: Saffaniyah +5 Dispatch

Company: GCS Company Government Security Complex

Dec-2019 to Oct -2021

POSITION: QA/QC Inspector Plumbing & HVAC

Project: Inochem Soda Ash and Calcium Chloride Project

Company: (ISACC) CHENGDA Company

Jan-2017 to Oct -2019

POSITION: QA/QC Inspector Mechanical

Project: Saudi Pharmaceutical Industries and Medical Warehousing & Office

Company: Building Sahara Construction Contracting Est.

Aug – 2014 to Nov-2016

POSITION: QA/QC Engineer

Project: National Refinery Ltd.

Company: Descon Engineering Pvt. Ltd. Pakistan

Duties & Responsibilities:

- Material & Consumable inspection such as Pipes, Plates, Structural Steels, Pipe Fittings of various
- Reviewing the Mill certificate (MTC) with respect to type, size, identification, Witness of Mechanical test and Visual

Inspection

- Preparing MIR and Monitoring the proper storage as per requirements
- Inspection the incoming materials for damages, dimensions, corrossions and ensure that Material Test Certificate is available and according to the requirements
- Identifying the material (pipes, flanges, fittings etc.) as per the material take off list and isometric drawings during the fabrication.
- Witnessing of various stages of inspection of Piping, Valves, Structures and walk ways.
- Reviewing of Dimension reports, Daily Welding reports
- Monitoring the Welders and Welding activities as per approved WPS
- Inspection of piping at field according to approved ITP's & relevant codes and specifications
- Carryout all Inspection & Test requirements as per Inspection Test Plan
- Monitoring the Implementation of Method Statement for all Mechanical Activities
- Responsible of Fabrication and Erection of Piping works as per Drawings and Specifications
- Review and preparation of Hydro Test Packages
- Preparing the Punch List of before Test and after Test.
- Witnessed of Hydro Test and Pneumatic of the Piping, Pipelines, Drums and Vessels
- Prepare Final Quality Dossiers for System approvals.

Certifications

- QMS ISO – 9001-2015 Lead Auditor
- **Certified** Project Management Professional (PMP-PMI)
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CODES & STANDARDS FAMILIARITY

Well conversant with international codes & standards like ASME, AWS, API, ISO standards.

COMPUTER LITERACY

Extensive Knowledge of MS Office, MS Word, MS Excel, etc.