**Tamer Qattawi**

**QA/QC Manager**

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| **Qualifications**  **Employment**  **Record** | * Quality Assurance / Quality Control Manager with total (19) years of experience in Construction Quality Management Systems, (12) years in managing Quality systems * Bachelor’s in Petroleum Engineering, Metallurgy & Materials Dept. Suez Canal University, Egypt 2003 * ISO 9001, ISO 14001 & ISO45001 Internal Auditor Certification * PMI-PMP® Project Management Institute ID:8062288 * Experience of working in SAP * Saudi Council of Engineers * Egyptian Engineers Syndicate |
| January 2021 - | **Consultant QA/QC Manager** |
| August 2022 | AJEC/FICHTNER/SWCC, Saudi Arabia |
|  | KHOBAR TO DAMMAM / JAMIAH WATER TRANSMISSION SYSTEM Project |
| December 2016 - | **QA/QC Manager** |
| December 2020 | NESMA HOLDING COMPANY, Saudi Arabia |
|  | Modern Bus Company – Makkah Buses Project – Makkah Mass Rail Transit |
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| May 2010 - | **QHSE Manager** |
| September 2016 | SIEMENS SAE Energy Service-Field Services, Egypt |
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| October 2003 - | **QA/QC Engineer** |
| March 2010 | Consolidated Contractors Company/Bechtel/Technip/Aramco, Saudi Arabia |
|  | Khurasaniyah Gas Plant Project (KGPP) |
|  | Rabigh Independent Water Steam and Power Project & RO-Desalination Plant |
| **Duties & Responsibilities**  General Duties  Civil Inspection Duties  Electrical Inspection Duties  Mechanical Inspection Duties  Instrumentation Inspection Duties | • Conduct test protocols as assigned to ensure the products, components and analytical systems that are manufactured meet specified requirements and customer expectations.  • Assist engineering staff to develop test protocols as necessary to investigate the integrity of new products, or new functionality for existing products.  • Provide support to functional team to deploy incoming test protocols and to perform First Article Inspections. Work to improve existing test protocols and capability, resulting in greater efficiency, accuracy, and reliability of test outcomes  • Record, and evaluate utilizing Lean 6 Sigma, engineering standards and specifications, the quantitative metrics that provide descriptive data for the determination of compliance to requirements.  • Enable and coaches employees to evaluate risks, problems and solutions from a customer and stakeholder point of view.  • Performs audits and gathering Quality data analytics from all parts of the operation to identify risks, failures and non-conformances within the local operations, its suppliers and customers. Assist in the application of appropriate corrective and preventive action and managed solutions to closure.  • Prepared the ITP, FAT and SAT procedures for the analytical systems and assisting customer during Factory Acceptance Test of the Systems ensuring zero / minimum non conformities.  • Monitoring the customer complaints and ensuring the resolution within the given timeline and to the customer satisfaction.  • Responsible for the quality of work, inspect, test and accept all parts of the WORK as defined in Schedule "B"  • Prepared a narrative project specific Quality Plan, Construction Inspection & Test Plans (ITPs) and procedures, design, procurement, construction and pre- commissioning activities in accordance with the latest version of ISO 10005 (Quality Management Systems) and Schedule "Q" and submit it to the Company Representative for review and approval.  • Reviewed CONTRACTOR's Quality documents(Quality Plan and Inspection & Test Plans) and personnel qualifications  • Submitted Vendors' Inspection and Test Plans  • Adopted the COMPANY Typical Inspection Plans (TIP) and COMPANY Inspection Checklists (IC) in its Quality Plan,  • A copy of the inspection results and status of the correction of non-conformances submitted to the Company Representative each week.  • Submitted a quality audit schedule to the Company Representative for review and approval and audit report.  • Investigate root causes and initiate corrective actions for nonconformities identified in each audit. Verified implementation and closeout of corrective actions prior to the next scheduled audit.  • Prepared and submit a monthly Quality Management Report consisted of listing of quality audits completed (internal and subcontractor), in progress, and planned for the next month, Status of open corrective actions for non-conformities (NCRs, Discrepancy Reports, COMPANY Logbook entries, audits and management reviews, quality personnel listing by discipline, listing and status of engineering waivers requested, listing of supplier surveys performed and results, planned surveys for the next month, listing of pre-inspection meetings conducted and planned for the next month, listing of supplier inspections performed and those planned for the next month. listing and disposition of all defective or rejected material or equipment received at jobsite, welding rejection rate reported.  • Monitoring of construction process: Civil, Mechanical, Piping, Plumbing, Electrical, Instrumentation and telecom system.  • Earthworks -Site Preparation, Excavation and Backfill  • Soil Improvement Vibro Replacement (Stone Columns) Pre-Installation (Survey) and Installation Inspection  • Soil Improvement Vibro Replacement (Stone Columns) Materials Receiving Inspection  • Soil Improvement Vibro Replacement (Stone Columns) Materials Approval,  • Specialized Personnel Approval, Testing & Review of Test Reports Inspection  • Geotechnical Investigation Reports  • Compaction Testing  • Fill Placement and Compaction Inspection  • Soil Protection and Control, Drainage and De-Watering Inspection  • Fill, Select-Fill and Marl Cap Materials Receiving Inspection  • Soil Sampling, Testing and Review of Test Reports  • Evaporation Pond  • Ready Mix Concrete Batch Plants and 3rd Party Laboratory Management  • Concrete Sampling, Testing & Placement Inspection  • Concreting and Foundation Works-Cast-in Place, Cast-In-Place Portland Cement  • Concrete, foundations works & critical pouring plan, Duct banks and cable trenches  • Underground Civil Works  • Road Paving & CSW Channels  • Building Plumbing  • Sanitary Sewer System  • Oily Water System  • Firewater System  • Water Distribution Piping System  • Inspection of Excavation, Placement and Compaction in Trenches With High Pressure Piping  • Inspection of Excavation, Placement and Compaction in Non-Subkha Areas  • Inspection of Excavation, Placement and Compaction in Subkha Areas  • Inspection of Excavation Bracing and De-Watering Inspection  • Inspection of Clean Sand and Aggregate Base Coarse Receiving  • Inspection of Pre-cast Concrete Installation  • Pre-cast Concrete Erection & Alignment Inspection  • Structural and Architectural Pre-cast Concrete Pre-Installation Inspection  • Receiving & Storage Inspection for Structural and Architectural Pre- Cast Concrete Members & Connectors  • Repair of Major Defects on Structural Concrete Inspection  • Conventional Asphalt & Sulfur Extended Asphalt Concrete Receiving, Placement and Testing Inspection  • Placement, Compaction and Quality Control of Foamed Stabilized Materials  Stabilization Equipment Set-up Inspection  • Material Sampling, Testing & Review of Engineering Properties of Foamed Stabilizing Agents & Sub-base Materials.  • Foundation and Epoxy Grout Curing/Protection and Final Inspection  • Epoxy Grout Mixing, Placement, Sampling & Testing Inspection  • Epoxy Grout Pre-Installation Inspection  • Epoxy Grout Materials Receiving and Storage Inspection  • Sampling, Testing Epoxy Grout and Review of Compressive Strength Test Report  • Cement Based Non-Shrink Grout Mixing, Placement, Sampling, Testing, Curing and Final Inspection  • Cement Based Non-Shrink Grout Surface Preparation & Final Formwork Inspection Prior to Grouting  • Cement Based Non-Shrink Grout Material Components and Ingredients Receiving Inspection  • Review of Quality Control Program & Procedures for the Installation of Cement Based Non-Shrink Grout  • Non-Shrink Grout Materials, Sampling, Testing, and Review of Compressive Strength Test Report  • Asphalt Paving Final Inspection  • Asphalt Core Density Testing Inspection  • Asphalt Pavement Prime Coat & Tack Coating Inspection  • Placement & Compaction of Sub-base & Aggregate Base Course Inspection  • Sub-grades, Elevation and Surface Preparation Inspection  • Sub-base and Aggregate Base Course Material Receiving Inspection  • Raw Materials Sampling, Testing & Asphalt Mix Design Review  • Aggregate Subbase and Base Course Materials Sampling, Testing & Review of Test Reports  • Plant QC Lab Inspection (Asphalt)  • Hot Mix Asphalt Inspection  • Asphaltic Concrete Ingredients Inspection At Batch Plants  • Batch Plant Equipment and Set-up Inspection  • Raw Materials Sampling, Testing and Review of Test Reports/ Plant Calibration Certificate  • Pre-Cast Post-Concreting & Final Inspection  • Tensioning and Grouting Inspection for Pre-Stressed/ Post-Tensioned Concrete  • Precast & Pre-Stressed Concrete - Concrete Placement, Sampling and Testing Inspection  • Tensioning and Releasing Inspection for Pre-Stressed- Pre-Tensioned Concrete  • Pre-cast & Pre-Stressed Concrete - Casting Beds Set-Up Inspection  • Pre-Cast & Pre-Stressed Concrete - Pre-Concreting Inspection  • Pre-Cast Concrete Fence Posts at Fabrication Yards Demolding and Curing Inspection  • Pre-Cast Concrete Fence Posts at Fabrication Yards Concrete Placement, Sampling & Testing Inspection  • Pre-Cast Concrete Fence Posts at Fabrication Yards Reinforcing Bar and Formwork Inspection  • Concrete Compressive Strength Testing and Final Acceptance Inspection  • Cast-In-Place Concrete Formwork Stripping Inspection  • Cast-In-Place Concrete Finishing and Curing Inspection  • FBE Reinforcing Steel, Embedded Items, and Form Closure Inspection  • Cast-In-Place Concrete Formwork Inspection  • Cast-In-Place Concrete Grade & Site Preparation  • Cast-In-Place Concrete Pumps/Transit Mixer Inspection  • Cast-in-Place Ready Mix Concrete Receiving Inspection  • Handling, Storage & Preservation of FBE Steel Bars  • FBE Rebar & Embedment’s Receiving Inspection  • Raw Materials Sampling, Testing & Concrete Mix Design Approval  • Concrete Ingredients Inspection  • Raw Materials Sampling, Testing and Reviewing Test Reports/ Plant Calibration Certificates  • Raised Equipment Floor Material Receiving Inspection  • Glass & Glazing Installation & Final Inspection  • Ceilings Suspension System Installation Inspection  • Waterproofing Surface Preparation, Waterproofing Layer Installation Inspection  • Masonry Units and Plaster Installation Inspection  • Concrete Masonry Unit (CMU) Compressive Strength and Aggregate Test Reports  • Backfilling and Berm Construction Inspection  • Pipe Lowering Inspection  • Pipeline Right of Way (ROW) Inspection  • Coating and Final Inspection  • Concrete Coatings Pre-Installation Inspection  • Concrete Coatings and Repair Materials Receiving, Storage & Preservation Inspection  • Concrete Fireproofing Final Inspection  • Fireproofing Concrete Curing Inspection  • Fireproofing Concrete Application Inspection  • Fire Proofing Pre-placement/ Site Preparation Inspection  • HDPE Liner Final Inspection  • HDPE Liner Placement and Seaming Inspection  • HDPE Liner Material Receiving & Storage Inspection  • Pre-weld Qualification of HDPE Welder  • UPS/DC Electrochemical Battery, Storage and Preservation Testing  • UPS/DC Vented Ni-Cad Wet Cell, Jobsite Acceptance Test  • UPS Static Switch, Pre-Commissioning & Functional Testing  • UPS Transfer Switch, Pre-Commissioning & Functional Testing  • UPS Bypass line Transformer, Pre-Commissioning & Functional Testing  • UPS Maintenance Bypass Switch, Pre-Commissioning & Functional Testing  • UPS Panelboards / CB's, Pre-Commissioning & Functional Testing  • UPS/DC Battery Rectifier / Charger, Pre-Commissioning & Functional Testing  • UPS Distribution System, Energized Bolted - Fault Test  • DC Switchboard / CB's, Pre-Commissioning & Functional Testing  • DC Panelboards / CB's, Pre-Commissioning & Functional Testing  • Medium/Low Voltage Power and Control Cable (On Reel), Continuity and Megger Insulation Resistance Testing  • Medium/Low Voltage Building Wire (On Reel), Continuity and Megger Insulation Resistance Testing  • Medium/Low Voltage Power and Control Cable, Continuity and Megger Insulation Resistance Testing  • Medium/Low Voltage Building Wire, Continuity and Megger Insulation Resistance Testing  • Medium/Low Voltage Power and Control Cable, Termination Torque Testing  • Cable Tray, NEMA VE 1 Static Load Testing  • HVAC System - Energized Functional Testing & Motor Four Hour Run Test  • Fire / Jockey Pump Motors & Controller Calibration, Setting, and Functional Testing  • Protection & Metering - Meter / Recorder Calibration, Setting, and Functional Testing  • MV Switchgear - Metal-Enclosed Switchgear Pre-Energized and Functional Testing  • Power Circuit Breakers - Protection Relay and Trip Unit Testing and Setting  • Power Transformer - Jobsite Testing  • Pressure Test Report (Valve Inspection & Field Testing)  • Equipment Preservation (Static/Rotating/Packages)  • Shop Welding (Structural)  • Shop Welding (Piping after Welding Tracking System approval and orientation by Contractor)  • Field Welding (Piping)  • Piping Fabrication & Installation  • PWHT  • NDT Works (Workshop & Site)  • Valve Inspection, Testing & Installation  • Static Equipment Erection  • Tankage Fabrication/Erection  • Rotating Equipment Installation  • Packages & Skids Installation  • Painting / Coating & Insulation  • Pressure Relief Valves ( receipt, testing, storage/handling & installation)  • Fire Alarm System  • General Piping and Tubing System - Materials Receiving for Instrument Air supply, Impulse line purge, pneumatic signal transmission installations and for connecting instruments to process piping and equipment  • Flow meters  • Pressure switches  • Level – gauge/ Displacement Instruments  • Resistance Temperature Detectors  • Temperature - Infra-Red Instruments  • Instrumentation and Control Loop checking  • Instrument Cable - Fiber Optic Cable  • Electronic Control Systems – PLC  • FOUNDATION Fieldbus Instruments and Accessories  • Combustible Gas and Hydrogen Sulfides Air Detection System |
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