

Holds B. Sc., M. Sc. and PhD in Mechanical Engineering and has about 36 years' experience working in QA/QC, design, operation and project management.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

- : B. Sc. in Mechanical Engineering, Helwan University, 1984
- : M. Sc. in Mechanical Engineering (Composite Materials), Helwan University, 1992
- : Higher Diploma Design of Innovative Materials, Design of Innovative Materials - Composite Materials, Military Technical College, 1993
- : PhD in Mechanical Engineering (Composite Materials), Helwan University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Environmental & Quality Management System and Quality Control:
 - EMS Internal Audit.
 - EMS Awareness Training course.
 - BSI.ISO 9001 Lead Auditor.
 - ISO 9000 Internal Auditor.
 - EMS Training (Dubai) (7 days).
- : Technical Trainings:
 - Technical support Training (Holland) (7 days).
 - Industrial Engineering Training (Arab Aerospace Technology Institute).
 - Design and process training course (Sweden) (7 days).
 - QA/QC Training in Gulf Eternit GRP/GRE Pipe system (Dubai) (2 months).
 - QA/QC Training in GRE Pipe system FPI (Holland) (10 days).
 - The Fourth International Conference on Frontiers Polymers and Advanced Materials (4-9 Jan. 1997).

- : Welding:
 - API 510 Training Course for Boilers and Vessel inspections.
 - API 5L- Specification of Line Pipe.
 - API 1104 Welding of Pipelines and Related Facilities.
 - Magnetic Testing MT Level II.
 - Penetrant Testing PT Level II.
 - Visual Inspection Level II.
 - Radiographic Testing (RT) Level II.
 - Ultrasonic Testing (UT) Level II.
 - Basics of Welding.
- : Management:
 - Professional Project Management (PMP) (American University in Cairo).
 - Management Course (Arab Technology Institute).
 - Professional technical Marketing (Mark El-Ahram).
 - Building for Success Seminar.
 - The Entrepreneurial Process: Innovation in Practice (TMA).
 - Team Building Training (Zedny).
 - MBA (passed the First Semester).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2020 till now
- Employer** : Future Pipe Industries
- Job title** : General Manager Operations
- Job Description** :
- Ensure the implementation of HSE requirements.
 - Ensure the safe working Environment for All operation Team.
 - Ensure the implementation of safety requirements and proper storage conditions for the Raw Material storage Area.
 - Ensure that the production activities are carried out in the most effective manner and meet the agreed quality, efficiency, and delivery standards.
 - Plan the resources (labour, material, and equipment) so that they are employed and controlled efficiently to minimize the overall manufacturing costs.
 - Ensure the containment of manufacturing costs and the enhancement in product competitiveness.
 - Manage the minimization of rejections, waste, and defect levels.
 - Achieving that maximum working efficiency for the production machines. (Improve Breakdown machine efficiency).
 - Responsible for achieving the maximum efficiency of the used raw materials.
 - Ensure that the production of produced piping systems is within the standard specification and Quality.
 - Review the KPIs for the Quality, operation, and raw material efficiencies and to take the required actions for improvement.
 - Manage preventive and corrective maintenance plans so that they are carried out consistently to minimize breakdowns and optimize machine availability.
 - Follow up the upgrading of the production machines.
 - Ensure that the maintenance plan and machine upgrading plan is implemented within the approved budget.

- Preparation of the operation budget and monitor financial performance versus the budget.
- Contribute to annual preparation of the CAPEX and production budgets to enable expenditure and cost control.
- Controlling the cost of the consumables to be as per the production policy.
- Make sure that production resources (labour, material and equipment) are planned, employed and controlled efficiently to minimize overall manufacturing costs.

Dates	:	From Aug. 2014 till Jul. 2020
Employer	:	Consolidated Contractors International Company, Qatar
Job title	:	QA/QC Manager
Job Description	:	<ul style="list-style-type: none"> • Preparing in conjunction with TCC / CCC Corporate Offices Quality Managers and senior managements the quality policy and objectives, Project Quality Assurance Plan, QMP's and any other procedure / document necessary for the successful implementation of the Project Quality requirements. • Ensuring that the activities required for the effective operation of the Quality Management System are planned, implemented and controlled and their progress monitored. • Reviewing the results of audits conducted. • Communicating requirements to all affected departments and functions, subcontractors and customers and resolving problems that arise at the interfaces between such groups. • Controlling corrective and preventive actions. • Participating in Project Management meetings on issues related to the Project Quality System. • Development of quality inspection & test plans for Civil, Arch and MEP Disciplines. • Implementation of Civil, Arch and MEP inspection & test plan requirements and coordination with construction management to this end. • Ensuring compliance of Civil/Arch and MEP works with applicable codes, standards, contracts, specifications through suitable examinations and testing. • Conduct Root Cause Analysis for Non-conformance (NCRs) and Job Site Instruction (JSI), and technical support for construction regarding the corrective and preventive action, review and inspect the rectification work at site. • Ensuring the consistent high quality of materials received from vendors is according to the ITPs and approved Material Transmittals. • Monitoring and controlling the close out of Snags. • Scheduling and Conducting internal and External Quality Audits. • Plan and Execute for Management Review Meeting. • Monitoring and controlling closing out of Snags and Punch list items. • Ensure that the life safety systems are in compliance with NFPA requirements and Civil Defense (QCDD). • Handover documents.

Dates : From Mar. 2011 till Jul. 2014
Employer : CCC
Job title : Deputy Project Manager / QA/QC Manager
Job Description :

- Drafting, on behalf of and in conjunction with MOA Group Quality Manager and senior management, the quality policy and objectives, Project Quality Assurance Plan, QMP's and any other procedure / document necessary for the successful implementation of the Project Quality requirements.
- Ensuring that the activities required for the effective operation of the Quality Management System are planned implemented and controlled and their progress monitored.
- Reporting quality activities to the Project Manager.
- Communicating requirements to all affected departments and functions, subcontractors and customers and resolving problems that arise at the interfaces between such groups.
- Controlling corrective and preventive actions.
- Participating in Project Management meetings on issues related to the Project Quality System.
- Determining and reporting the principal causes of quality losses and non-conformances, and coordinating suitable corrective action to address the same.
- Issuing weekly reports of quality issues including nonconformity records and KPIs as deemed appropriate by the Engineer.
- Supervision and coordination of the Project team of QC Engineers as appropriate.
- Implementation of inspection & test plan requirements and coordination with construction management to this end.
- Non-conformance Monitoring and implementing workable Preventive actions.
- Ensure Maintaining of the inspection reports, documents and QC records.
- Ensuring the consistent high quality of materials received from vendors is according to the ITPs and MAR's.
- Monitoring and controlling the close out of Snag and Punch list items.
- Managing the preparation of the FTD documents, including operation and maintenance manuals, training manuals, testing and commissioning procedures, and generic files.
- Scheduling and Conducting internal and External Quality Audits.
- Plan and Execute for Management Review Meeting.
- Monitoring and controlling closing out of Snag and Punch list items.

Dates : From Mar. 2009 till Feb. 2011
Employer : CCC
Project : CCW2 - Epic of Ras Laffan Common Cooling Seawater System Phase 2 for Re-Circulation Consumers & IPP-3
 Scope: Engineering, Procurement, Construction, Installation. Commissioning, 72 Hrs Site Performance Tests, Start-up, Initial Operation & Maintenance until project completion for Ras Laffan Common Cooling Seawater Phase II Category 2 "Recirculation System" consumers (a supply of 3,000 m³/hr base scope and 8,000 m³/hr optional make up water) via

temporary interconnection with the existing once through cooling system. In addition to supply IPP-3 cibsyrer wutg 93,000 m3/hr Sea water from the existing once through cooling system (from PH#3a).

- Job title** : GRP Specialist
- Job Description** :
- Responsible and ensuring that all QC/QC activities are carried out in accordance with Quality Assurance procedures, Inspection and test plans and specifications for all QC disciplines.
 - Ensuring that the Internal quality audit and TPI audit are carried out according to audit plan.
 - Non-conformance Monitoring and implementing workable Preventive actions.
 - Technical Queries and Non-Conformances. Implementation of corrective and preventive action.
 - Ensure Maintaining of the inspection reports, documents and QC records.
 - Ensuring the consistent high quality of materials received from vendors is according to the ITPs.
 - Verifying that the measuring/testing equipment/devices are calibrated at the specified frequency. And calibration records are maintained.
 - Reviewing, Quality system, inspection and test plans (ITP's), Method statements and procedures.
 - Responsible for all the technical related aspects for the GRP/GRE/GRV piping system including Material Testing, prequalification tests, Long term tests, Quality Control of the piping system and related construction activities.
 - Analyzing and solving all piping system related Failures and Root Cause Analysis of GRP/GRE/GRV piping system technical problems.
 - Inspection and surveillance activities.

Dates : From 2007 till 2009

Employer : Industrial Training Council – Ministry of Trade and Industry

Job title : Engineering Sector Manager

- Job Description** :
- Project Manager for General Motor Training Academy.
 - Project Manager for development of 100 Technical Secondary Schools.
 - Project Manager for Underwater Welding Academy.
 - Project Manager for International Accreditation of Two Welding Centers.
 - Member of the steering Committee for establishing the technical clusters (Ministry of Higher Education).
 - Member in the Technical School Quality Criteria committee.
 - Preparing the Training plan.
 - Preparing the training budget for Industrial Sectors.
 - Train of Trainers (TOT).
 - Training centers QM Auditing.
 - Building capacity for training centers.

Dates : From 1997 till 2007

Employer : Future Pipe Industries

Job title : QA/QC Manager, R&D Responsible

- Job Description** :
- Responsible for all Quality control and Quality Assurance related activities.
 - Carry out the internal quality audit and external audit for material suppliers.
 - Follow up the QMS changes to increase the QMS effectiveness.
 - Follow up the outputs of the Management review Meetings.
 - Handling all the customer complaints, claims and monitoring customer perception.
 - Reviewing the statistical analysis for each department and to demonstrate the effectiveness of the QMS and for continual improvement.
 - Issue of Inspection & Test Plan (ITP) and Contract Quality Plan (CQP) for projects.
 - Issue of “non-conformity reports” in the event of non-conformity and implementation of corrective and preventive actions.
 - Preparation of Manufacturing Record Book (MRB).
 - Reviewing the quality control test results on a daily basis and ensuring the quality control plan is properly implemented.
 - Verifying that the measuring/testing equipment/devices are calibrated at the specified frequency, calibration records are maintained and calibration stickers in place.
 - Ensuring that every item manufactured meets the appropriate Quality Standards and Specifications and is thoroughly checked and approved by senior QA/QC staff.
 - Ensure all items purchased Raw Materials are inspected and conform to the relevant Quality Standards and Specifications.
 - Ensure non-destructive and destructive tests are undertaken and results documented in accordance to the QC policies.
 - R&D:
 - Preparing the Research plan.
 - Preparing the design calculation and design drawings.
 - Review Design Input (specification & STD, Requirement).
 - Preparation of final drawings & calculations and manufacturing product samples.
 - Review Design Output (calculations and design drawings).
 - Preparing workshop drawing for manufacturing product sample.
 - Design Review for workshop drawings.
 - Design Verification. Assuring that the products meets the Standards.
 - Design Validation by testing and final calculations.

Dates : From 1988 till 1998

Employer : Arab Organization for Industrialization

Job title : Research and Development Section

- Job Description** :
- Foam and Fiberglass (SMC) mold design.
 - Selecting the mold material (types of steel & standard parts, etc.).
 - Surface Treatment Required.
 - Preparing the BOM required.
 - Preparing the design drawing.
 - Design calculation for GRP fiberglass components.

- Responsible for all GRP, HDPE materials and Product testing.
- Jigs & Fixtures Design.
- Foam and Fiberglass (SMC) mold design.
- Selecting the mold material (types of steel & standard parts, etc.) - Surface Treatment Required.
- Preparing the BOM required.
- Preparing the design drawing.
- Design calculation for GRP fiberglass components.
- Responsible for all GRP, HDPE materials and Product testing - Jigs & Fixtures Design.

Dates : From 1987 till 1988

Employer : El Noor Contracting Company

Job title : Piping Engineer

Job Description :

- Responsible of all carbon steel pipe welding activities at site according to the approved procedure qualification records (PQRs) and the supporting welding procedure specification (WPSs).
- Checking the materials of two members to be weld according the drawing and the traceability in the specs.
- Checking of all joint prior start welding (root gap, root face, bevel angle & alignment of the two members to be welded).
- Be sure that all the welding activity is done as per applicable code, specs and as in the WPS.
- Make record to all welders during production welding by number of joints, number of the repairs per week and be sure they use the correct WPS.
- Be sure that all NDE is done and accepted and if there are any repairs must be done according to the repair procedure.
- Visual and dimensional checks of fabricated / erected pipe spools.
- Witness / inspect execution of site hydrostatic test.