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CAREER SYNOPSIS

Dear Sir,

I am seeking an opportunity to direct my experience through a position as a **"QA/QC Manager"**. I hope you'll agree that my technical and interpersonal skills would make me a valuable asset within your firm. As detailed in my C.V. I have gained a broad range of skills through my experience and qualification for **18 years** as an Engineer with multinational companies in oil & gas projects.

Education

Alexandria University	B.Sc. Production engineering, May 2002 (<i>grade good</i>).
Alexandria University	post graduate study Diploma in Welding Engineering 2006 (<i>grade good</i>).

Languages

Arabic	Mother tongue
English	Good Command (<i>write, read and speak</i>)

Qualification & Training Courses:

- Aramco approval QC supervisor (welding, mechanical & coating).
- CSWIP-TWI Plant Inspector Level 1 Certificate No 60810
- API 510 Certified pressure vessel inspector Certificate No 46613
- API 570 Certified piping inspector Certificate No 49503
- CSWIP 3.1 -TWI (welding Inspector) CSWIP 3.1 Certificate No 37051
- ASNT-TC-1A - level II RT, UT, MT and PT.
- Certified Lead Auditor, ISO 9001:2008 IRCA certified
- Certified Internal auditor QMS ISO 9001:2008 from LRQA IRCA certified.
- Internal Auditors Course Based On ISO19011: 2002, ISO 9000:2000 and OHSAS 18001:1999.
- Internal auditor according to API Q1:2008(ISO TS 29001) and ISO 9001:2008.
- Awareness training course according to API Q1:2008(ISO TS 29001) and ISO 9001:2008.
- 6 Sigma Green Belt Course from EGAC.
- Cathodic protection Training CP1& CP2 from MultiServ Meddle east
- Corrosion control in petroleum and petrochemical industrial.
- Identification with occupational health and safety Training Courses.
- Training course at the Atomic Energy Organization - Egypt In using the Radiant Isotopes and safe keeping from ionic radiation.

Personal Skills

- Excellent communication and presentation skills
- Problem solving and analytical skills
- Ability to work with a broad section of highly specialised technical personnel
- Can work as a team member or team leader.
- Knowledge of Computer, ERP / CRM Systems & Quality Management System

COMPUTER SKILLS

- Diploma in graphic (AutoCAD 2D&3D).
- MS office Preparation course in international computer driving licence (ICDL).

Experience & Knowledge

I) Welding:

- Having good experience of preparing WPS & PQR
- Having good experience of supervising & evaluating WPQT
- Experience in HDPE welding by butt fusion and electro fusion welding

II): Non Destructive Examination

- Having high experience of performing, supervising & interpretation of N.D.T examination e.g. RT, PT, MT

III): CODE, STANDARD & SPECIFICATION

- Familiar with the international code and standard e.g. ASME VIII div.I,II,IX,B31.3 ,API510,API570,API653 ,API573,NBIC NB23, AWS D1.1 , & EN
- Familiar with multi international specification ENPPI, ARAMCO, TECHNIP, UHDE, BECHTEL, ABB, ENI & Agip etc.

IV): Training

- Give training course for in-service piping inspection API 570.

V): DOCUMENTATION

- Develops and maintains the inspection test Plan. (ITP) for projects (construction & repair in-service).
- Preparing of MDB manufacturing data book for project.
- Preparing of MDR for pressure vessels acc. to ASME code (U1A, U4....)
- Preparing of R form for repaired pressure vessels acc. to NBIC code.
- Review of material & filler metal certificate acc. to code and specification.
- Preparing & check punch list of test packages.
- Prepare pre-project documentation for client approval acc. to code and specifications (NDE procedure).

VI): Quality Assurance

- Responsible for preparing initial management quality system acc. to API Q1 edd. 2010 (with 11E pump specification)
- Conducting internal audits and attending the quality review meetings acc. to ISO 9001:2008 and API Q1:2008 (ISO29001:2007).
- Assist to implement continual Quality improvement of the workshop system.
- Prepare check list & audit report.
- Raise NCR non-conformance report and CA corrective action.

VII): Calibration

- Preparation of calibration plane for measuring device.
- Prepare calibration log and schedule according to ASME, ISO and API QMS systems.

- Conduct all calibration processes for all equipment's and machines that are used in fabrication processes e.g. welding machine, portable heater, oven acc. to approved procedure and standard.
- Follow up external calibration process (i.e. photometer, weld monitoring, etc.)
- Witness for PSV Calibration Acc. to API 576 & API527

Work History

Position QA/QC Manager
Company TUV AUSTRIA- KSA
Client Different
Plant Petrochemical, KAFD, and Riyadh Metro SWCC project



Jan 2019 till Date

Take roles as QA/QC Manager for inspection new construction and in-service for all job of TPI (third party inspection department).

- Manage and oversee project quality to ensure compliance to codes, standards, regulations, and QMS requirements.
- Prepare Welding qualification WPS, PQR and WQT as per code (ASME IX,AWS,..)
- Providing leadership, mentorship, and direction of all QA/QC personnel.
- Prepare ITP and QC documents for projects as per code AWS D1.1 ,ASME VIII div 1 and client specification .
- Integrity inspection of pressure equipment, piping, tank and all static equipment in various plant and preparation of inspection report including finding and recommendations.
- Integrity inspection for GRP and non-metallic tank, piping fabrication factory and in-service.
- Failure Analysis Investigation for damage and defect (accident, fire and crack).
- Preparation of method of statement and scope of work for repair activity to restore pressure equipment integrity as per international code (ASME Pcc-2, ASME VIII,).
- Assist to Accreditation to perform site water spray leak test for metal roofing system and wall cladding and glazing system.
- Preparation method of statement for different inspection & test activity (load test, GRP tank inspection) and following Implementation of activity as per procedure & report issue.
- SAT site acceptance test for steel structure installation (DFT, bolt tightness, site material receiving inspection and pull out test).
- FAT Factory acceptance test for ,steel structure fabrication ,coating
- Witness for hydrostatic pressure test for new construction and in-service.
- Provide Technical support for welding process design.
- Inspection of amusement rides (Visual inspection, mechanical, electrical, hydraulic, NDT)
- Inspection of equipment.
- Participates in Client pre-bid, bid or contract planning and preparation.

Position Inspection Engineer
Company EPROM – Egypt
Client AMOC Alexandria Mineral Oil Company
Plant Refinery plant



July 2011 till December 2013 & jan.2019

Duties and responsibilities:

- Perform all on-stream and off-stream (shutdown) inspection activities(external and internal inspection) for all refinery static equipment (pressure vessels, reactors, towers, heaters and heat exchangers, tanks, piping systems, pressure relieving devices, structures, etc., by

assessing deterioration mechanisms, corrosion monitoring and investigation of failures to establish inspection frequencies and /or corrective actions to prevent reoccurrences and to determine integrity and suitability for continued safe and reliable service.

- Interact with CMMS software “Maximo asset management”
- Supervise on Hydrostatic, Pneumatic & Leak test for piping, tanks and pressure vessels.
- Supervise and coordinate NDT crews and Select appropriate NDT techniques required for condition evaluation and interpret their results to applicable codes for repair work.
- Evaluate the result of all visual inspection and NDT data and determine the most optimal cost effective repair method and issue an inspection report (worksheet) outlining the repair and QA/QC steps (procedure) .
- Prepare ITP for new construction and repairs activity.
- Prepare and maintain inspection files and system records and prepare for repairs, rectifications or replacement of defected parts of equipment based on analysis of inspection results.
- Prepare inspection reports for all types of static equipment based on external and/or internal inspection. Highlight problem areas and recommend remedial action if required.
- Take part in preliminary failure analysis to define the potential causes of failure.
- Perform welder performance qualifications, reviews WPS/PQR documents.
- Perform welding inspection including duties: before, during and after welding.
- Perform painting inspection.
- Periodically review the data base information and ensures that appropriate repairs/replacements to the equipment are recommended. Also assures that all required on stream inspections such as NDT are performed on time.
- Issue inspection worksheet for any findings in the assigned area and . Monitor the repairs as per company specs and international standards for their final acceptance after the required tests.
- Witness for seat tightness testing & calibration of pressure relief valves and pressure safety valves.

Some Repair activity done in AMOC refinery plant

- 1- Repair in flare tip for sweet flare.
- 2- Repair of piping system (i.e. soft water, boiler feed water).
- 3- Repair of heat exchanger (NBIC R stamp).
- 4- Replacement of annular plate in tank.
- 5- Repair in cooling tower (replacement of FW fan ring).

Position Inspection Engineer Plant inspector third party
Company Bureau VERITAS- (Libya Branch)
Client Mellitah Oil and Gas. LIBYA
Plant Gas plant & oil production

Jan. 2014 till May 2014 & Feb.2017 till Dec.2017

Duties and responsibilities

- Witnessing all on-stream and off- stream inspection activities which carried out by MOG inspectors for static equipment especially pressure vessels then approve final inspection report and issued release note (Certificate) for inspected equipment.
- Review inspection plane for pressure vessel as per API510, API571 & history of equipment.
- Witnessing for as found pop pressure, internal visual inspection and testing of pressure safety valves including all variety types of relief like convention relief valve, safety relief valve & pilot relief valve then approve final calibration/Test certificates and issued release note (Certificate) for tested PSV.



- Witnessing all NDT activities including Magnetic particle test (MT), Dye penetrant test (PT), Ultrasonic test (UT) and Radiograph test (RT) then approve NDT report.
- Carrying out assessment for Ultrasonic thickness measurement result and calculated corrosion rate, remaining life and next due inspection and certification date.
- Witnessing maintenance repairs and supervised different steps of repairs associated with different types of pressure vessels, heaters, piping, storage tanks and columns.
- Witnessing pneumatic and hydrostatic tests for different types of Separators, Heaters, tube bundles, piping loops and Tanks.
- Follow up repair activity for damaged SA surge tank : replacement 4th,5th ,6th shell coarse ,roof with rafter structure including its nozzles and annular plate according to API 650&653

Position QA/QC Manager
Company Wasmi Holding Company -Saudi Arabia
Client SAUDI ARAMCO
Project Onshore Maintain Potential Program South Area Flow line khuff & Jauf gas HWIYA & HARAD
Sept. 2016 TO Feb.2017

ارامكو السعودية
Saudi Aramco



Member of the SNC-Lavalin Group



Duties and responsibilities:

- Following all QC activity Mechanical, welding, civil, coating activity for all sites.
- Manage and oversee project quality to ensure compliance to codes, standards, regulations, and QMS requirements.
- Responsible for the implementation and management of the Contractors Quality Control Program, including the coordination, performance and execution of construction inspection and testing services for the project.
- Managing the development and implementation of the QMS for planning, fabrication, inspection, documentation, and operations activities including:
 - Planning duties within the QA/QC staff and related work schedules;
 - Establishing service standards for end users (i.e., internal department or external customer);
 - Identifying and developing QA/QC personnel certification requirements and continuing education/training needs;
 - Providing leadership, mentorship, and direction of all QA/QC personnel.
- Ensure that all inspections are carried out by discipline QC Inspector as per the requirement on ITP
- Review the calibration status of any test equipment being utilized on the project.
- Prepare and submit WP's, Method Statements, etc. as required on the project.

Position: QA/QC Manager
Company: AK&P - Saudi Arabia
Client: Different client SAUDI ARAMCO
Plant: Workshop manufacturing of steel structure and equipment (ARAMCO, SABIC & Different client s)
March 2015 TO July 2016

Duties and responsibilities:

- Follow all QA/QC department activity through QC team in site and office.
- Prepare ITP and QC documents for projects as per code AWS D1.1 and client specification (ARAMCO,).
- Conduct PIM pre inspection meeting with client as Sabic , Aramco ,Hyundai & Samsung
- Prepare document needed to confirm with ISO 9001 QMS and client requirement.

- Follow up welding activity in workshop through inspector to confirm code requirement (electrode drying, approved WPS use, straightness for distortion beam column from welding if any and cleaning before welding).
- Prepare Approved supplier list according to company QMS and client (ARAMCO & SABIC) requirement.
- Follow customer complain related to quality and code requirements and try to make corrective and preventive action.
- Follow up and prepare internal audit plan according to ISO 9001.
- Follow up painting activity in supplier workshop.
- Follow up galvanising if any activities in supplier workshop.

Position: QA/QC welding &NDE engineer

Company: PETROJET - Egypt

Client: Different client (ENPPI, UHDE, E-METHANEX)

Project: Workshop manufacturing of pressure vessel, heater, suck rod pump, slug catcher and steel structure

August 2007 till July 2011

Duties and responsibilities:

- Review project drawing & specification.
- Do site Inspection in according to quality control procedure (QCP), applied design code, Inspection Test Plan (ITP) and project specification.
- Implement quality control activities on site in line with the established quality control program
- Interface and coordinate with clients for production and QC matters and coordinate with third party inspection agencies for all related inspection activities.
- Conduct job and materials welding inspections for daily activities.
- Input data related to weld inspection.
- Monitor Welder performance and conduct visual inspections of welds and repairs of welds in accordance with Company procedures and international codes of practice.
- Provide verification of electrodes backing and holding temperature including control and issue.
- Provide technical guidance for welding sequence and distortion control in accordance with procedures and job requirements.
- Check & record welding parameters and verify compliance with approved Welding Procedure Specifications WPS.
- Conducts fit up and dimension inspections as per Inspection and Test Plan (ITP) and coordinate Non Destructive Testing (NDT) activities and review RT, MT, and PT tests results.
- Witnessing Hydrostatic test and Pneumatic test .
- Document tracing, QC status reporting, Maintaining all QA/QC documentation and Data Dossier preparation.
- Appreciating all observations and try hardly to close it for continual improvement.
- Follow up of test package, punch list, hydro test, PWHT, etc.
- Recommend and provide solution to the problems with site construction
- Prepare ITP for projects (acc. to codes, standard and client specification) I.E (pressure vessel, air cooler...).

Position: QA/QC Engineer

Company: ANBORG- Egypt

Client: Different client

Project: Workshop manufacturing of steel structure

APRIL 2006 up to JULY 2007



Duties and responsibilities:

- Preparation of QC documentation forms
- Review & material filler metal certificate
- Review Drawing & Material
- Welding MAP preparation
- Assuring the compatibility of fabrication process
- Visual Inspection
- Test package preparation and punch list follow up

Position: QA/QC Manager

Company: Forming Company- Egypt

Client: Different client petrochemical and food industry

Project: Workshop manufacturing of spare parts

APRIL 2005 up to MARCH 2006

Duties and responsibilities:

- Planning and Material Selection -Good Experience of Metals (Stainless Steel, Alloy Steel, Copper and Aluminium Applications and Types).
- Quality Control (Inspection) and Heat Treatment of Alloy Steel.
- Manufacturing of Spare Parts {Turning- Milling- Shaping- Drilling- Grinding-EDM- TIG-SMAW} and As Cost Engineer.
- Familiar with Standard Specifications of Alloy Steel and Stainless Steel DIN and AISI standards.

Position: QC Engineer

Company: Egyptian Swedish Welding Electrode Co - Egypt

Client: Different client

Project: Amria factory for shield metal welding electrodes

APRIL 2004 up to MARCH 2005

Duties and responsibilities:

- Responsible for Inspection of Raw Materials According to ESAB Specifications Including Steel Core Wire, Welding Powder & Binding Materials.
- Inspection of the Finished Product Electrodes Both Rutile, Basic & cellulose types By Means Of Destructive Testing, Moisture Content Measurement
- Visual Inspection of Weld Metal Specimens according to AWS Specifications A5.1, A5.4, A5.5.

THANK YOU FOR YOUR CARE

Ibrahim Mohamed

Latest Update on: Jan. 2020