

**101300-MEC-QW-E-2009**  
**QA/QC Engineer / Piping & Welding Inspector**

Holds a B. Sc. in Mechanical Production Engineering and has about 8 years hands-on experience working in QA/QC field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/04/1987  
Gender : Male  
Marital Status : Single  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Production Engineering, Alexandria University, 2009

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: MS Visio  
: AutoCAD 2D & 3D  
: Solid Edge  
: Visual Basic

## TRAINING COURSES AND CERTIFICATIONS

: Senior Welding Inspector - CSWIP 3.2.1.  
: Welding Inspector – CSWIP 3.1.  
: Authorized Piping Inspector – API 570.  
: Certified ISO 9001:2015 - QMS Lead Auditor.  
: Certified Radio Graphic Test (RT), Level II, according to ASNT-TC-1A.  
: Certified Penetrant Test (PT), Level II, according to ASNT-TC-1A.  
: Certified Magnetic Particle Test (MT), Level II, according to ASNT-TC-1A.  
: Certified Visual Test (VT), Level II, according to ASNT-TC-1A.  
: Certified Visual Test (UT), Level II, according to ASNT-TC-1A.  
: Certified ASME - V Non-Destructive Examination - by ASME - AUC.  
: Certified ASME B31.1 Power Piping Design & Fabrication - by ASME - AUC.

- : Certified ASME Project Management - by ASME - AUC.
- : Basic Offshore Safety Induction Emergency Training (BOSIET).
- : Preparation course of Project Management Professional - by SA - International # 3316.
- : Start Professional training program including Time Management, Team Building, Presentation Skills and Personal Effectiveness (Mar. 2009).
- : Presentation Skills (Apr. 2007).
- : Using Economic Concept in Business Applications (Apr. 2007).
- : Technical Report Writing (Mar. 2007).
- : Various Safety Trainings (BP Golden Rules, Saipem Life Saving rules, etc.).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2016 till now
- Employer** : Saipem – Egypt Branch
- Project** : ZOHR Field Development Project Accelerated Start-up Phase
- Job title** : QA/QC Supervisor
- Job Description** :
- Review WPSs and PQRs for Piping & steel structure according to ENI Specs.
  - Review subcontractor ITP's and Procedures and ensure that it comply with applicable specifications and codes.
  - Witnessing welder qualifications according to AWS D1.1.
  - Ensure that inspections and controls are carried out in accordance with the Quality Control Plan and with applicable specifications and codes, obtains the relevant documentation.
  - Ensure that all welding activities, heat treatment and any hardness testing are in compliance with the relevant codes and specifications.
  - Allocate and coordinate Welding QC Inspectors within the various areas of site activity.
  - Implement the inspection, control and test notification process (RFI).
  - Check the extent of the repairs made by the various welders, taking any corrective actions where necessary.
  - Orderly collect and manage/check documents certifying tests, controls and inspections documents, ensuring that all welding and testing related records are properly retrievable within the final As Built dossier.
  - Data collection and analysis related to welding/welders repair.
  - Ensure proper Non Conformity detection and recording, as well as relevant corrective actions implementation.
  - Preparation of final As-built dossier.
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- Dates** : From Sep. 2013 till Sep. 2016
- Employer** : Saipem – Azerbaijan Branch
- Projects** :
- Shahdeniz 2 Project (Jackets – Topsides – Bridge – Pipelines – Subsea Structures – Vessels Upgrades)
  - Fabrication of ASP Platform for Overboard Drilling Rig
  - DWG East Manifold Water Injection Expansion Project
  - STB-1 Conversion From Topside Mode To Jacket Mode
- Job title** : QA/QC Coordinator (Off-shore/On-shore)

- Job Description** : • **On-shore Responsibility:**
- Review WPSs and PQRs for Piping & steel structure according to ASME IX, EEMU 158.
  - Review Quality Control Plans, ensure that the tests, controls and inspections are carried out according to Quality Control Plans/Inspection Test Plans.
  - Follow up and monitoring Welding, PWHT, Hardness and Erection activities in workshop.
  - Check that material and equipment are correctly received, stored, identified, traceable and its certificates.
  - Check the humidity, steel temperature before painting and WFT, DFT and final inspection of painting of ship hull and piping.
  - Monitoring of sub-contractors activities, according to ITP.
  - Control of Recertification of Rigging to be used in Offshore Installation.
  - Support the Quality Control Manager in planning and allocating QC functions to the various area of the project ensure coordination of assigned personnel.
  - Check the documents certifying the tests, controls and inspections carried out and ensure their orderly collection and management, mechanical completion included.
  - Ensure proper Non Conformity detection and recording, as well as relevant corrective actions implementation.
  - Ensure the preparation of the Quality section of the final dossier. In case of subcontracted.
  - Activities review and approve the QC section of the dossier.
- **Off-shore Responsibility:**
- Visual Inspection and reporting of all welding activity on board as well as NDT as per ITP/DWG's.
  - Monitoring subsea installation structures a per installation procedures and according to QCP's.
  - Witness inspections according to applicable QCPs ensuring collection and full traceability of Relevant Quality Records/Check Lists.
  - Ensure proper filing and management of Quality Installation Records.
  - Control of certification of personnel, incoming materials and equipment.
  - Monitoring of sub-contractors activities, according with ITP.
  - Ensure proper Non Conformity detection and recording, as well as relevant corrective actions implementation.
  - Control recertification of riggings and lifting equipment to be used during subsea installation.
  - Ensure that all the measurement instruments are correctly managed and calibrated.
  - Support Asset Team in the SoW preparation ensuring relevant reviews and inductions with regards to quality matters.
  - Final As-Built documentation collection, organize it according to Approved Index, verify Subcontract quality as-built dossier section.
  - Support Project Management Team for collection of Lesson Learned (LL) and feedbacks related to Offshore Operations.

**Dates** : From Feb. 2013 till Jul. 2013  
**Employer** : Sunir International – Oman Branch  
**Project** : Water Supply System at Niabat of Jabal Akhdar in Williyat of Nizwa  
**Job title** : Expediting QC Engineer  
**Job Description** :
 

- Prepare ITP and Quality Control Plan.
- Reviewing of WPS, witnessing qualification of welding procedure, witnessing qualification of welders.
- Dimensions check, leveling, fit-up and weld preparation are in accordance with the Engineering Drawings.
- Witnessing / execute of all required inspection of welding activities (VT, PT, RT) and evaluate finding according to AWS D1.1.
- Prepare and execute hydro test for pipelines.
- Material inspection and traceability and issue MRR after inspection.
- Coordinate with consultant for RFI, implementation of their comments and get the approval.

**Dates** : From Aug. 2012 till Jan. 2013  
**Employer** : A.A. Turkey Group "Engineering and Contracting" (ATCO-L&T)  
**Project** : Ras Tanura Project (Construction of Polyethylene Company)  
**Job title** : QC Engineer  
**Job Description** :
 

- Reviewing of WPS, Witnessing qualification of welding procedure, witnessing qualification of welders.
- Witnessing / execute of all required inspection of welding activities (VT, PT, MT, RT and UT) and evaluate finding according to ASME B31.3, witnessing hydro-test of pipeline and combat test for soil, ensuring that all applicable equipments were calibrated and had valid certification.
- Dimensions check, fit-up and weld preparation are in accordance with the Engineering Drawings.
- Material traceability and issue MRR after inspection.
- Prepare RFI, progress report and final documentations.
- Comply with all company Health, Safety and Environment as well as Work Permit, policies and procedures.

**Dates** : From Jan. 2011 till Jun. 2012  
**Employer** : SA-International Ltd.  
**Projects** :
 

- Abu Qir Power Plant Units 6 & 7 2x650MW - 3rd Party for NDT (RT, UT, MT, PT)
- Abu Qir Fertilizers Co. - March Shutdown - Long Range Ultrasonic Testing for Pipelines
- Egyptian Fertilizers Co. at on stream pipelines Mar. 2012, shutdown Jun. 2012 - Long Range Ultrasonic Testing for Pipelines
- Methanix Co. Shutdown Jun. 2012 - Phased Array – IRIS and Eddy Current Inspection for Heat Exchanger
- Air Liquid Co. Shutdown 2011 - API Inspection for pressure vessels and Heat Exchanger
- Midor Co. Shutdown 2011 - Eddy Current – IRIS Inspection for Heat Exchanger

**Job title** : Inspection Coordinator / Engineer

- Job Description** :
- Managing all the inspection inquiries from the clients.
  - Reviewing all the tender documents/ request for quotations and preparing the required technical offers.
  - Following up site activities, reviewing and approval of final reports before submitting it to the client.
  - Conducting site visits for evaluating the actual conditions of our scope of work before submitting the technical/financial offers.
  - Receive all clients' comments, clarify it and ensure its implementation.
  - Conducting plant inspection as per API requirements and preparing the reports for inspected piping/equipment and submitting to the client.
  - NDE Inspector (RT, PT, VT, MT) at Abu Qir Power Plant as third party.
  - Perform Interpretation of films and make the reports.
  - Visual Inspection on pipes and fittings for firefighting system in Abu Qir Power Plant according to ASME B16.5 – ASME B16.9 – ASME B16.11 – ASTM A53 and check for the materials dimensions and its certificates.
  - Make traceability of the material (Packing List – Certifications – Progress Reports).
  - Familiar with codes and standard such as ASME – API – ASTM – Din....etc.
  - Perform visual inspection on heat exchangers and pressure vessels according to API 510.
  - Perform thickness measurements of heat exchangers and pressure vessels as per API 510.
  - Familiar with the Calibration of Equipment (MS 5800 – OLYMPUS) – ECT/IRIS.
  - Familiar with conducting test.
  - Familiar with data analysis of ECT / IRIS.
  - Specify test location on the pipes and approve the cleaning required for LRUT.
  - Set up and check the equipment required for a particular test.
  - Determine test parameters required for LRUT.
  - Determine whether or not the results are of good quality.
- Dates** : From Jul. 2009 till Dec. 2010
- Employer** : Alexandria Fiber Co.
- Project** : New Production Unit of Fiber
- Job title** : Project Engineer with Contracting Co.
- Job Description** :
- Managing all activities at the site.
  - Checking plans, drawings and quantities for accuracy of calculations policies.
  - Ensuring all materials used and work performed are as per specifications leading.
  - Management of the site, including supervising and monitoring the site labor force.
  - Planning the work and efficiently organizing the plant and site facilities in order to meet agreed deadline.
  - Preparing qualified welders ID cards before starting work.
  - Check all tools calibration before starting weld.
  - Check the joints before and after welding according to ASME B31.3 process piping.

- Prepare all visual report require for the joints.
- Make interpretation of RT films of all welds.

**Field of experience :** Experience in the Quality Control / Assurance, Construction and Supervision of projects in field of oil and gas, power plant, vessels upgrade, jacket and subsea installations in compliance with International codes, standards and Specifications like ASME B31.3, ASME B31.1, ASMEIX, ASME V, AWS D1.1, API 1104, AWWA, EEMU158, RMRS, .....etc. and related QA/QC activities for Welding, Non-Destructive Testing, high technology inspection as (IRIS, EC, LRUT and robotic tank), Lifting Operation and subsea installation. I have been worked in Azerbaijan, Oman, Saudi Arabia and Egypt.