

100625-MEC-GQW-E-1987
QA/QC Manager & Welding Engineer

Holds a B. Sc. in Mechanical Engineering, M. Sc. in Boiler Power Plants Welding & Inspection and PHD degree in Quality Management. Has about 27 years hands-on experience in QA/QC Management of Oil & Gas, Infrastructure, Utilities, Power Plants, etc.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/05/1962
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

- : B. Sc. in Mechanical Engineering, Zagazig University, 1987
- : M. Sc. in Boiler Power Plants Welding & Inspection, 2001
- : Diploma CONSALTANT in Designing, Establishing, Documenting & Implementing Quality Management System according to Requirements of ISO9001:2000 Standard
- : PHD degree in Quality Management, ASHLEY UNIVERSITY, United States of America, 2014
- : Certificate of Strategic Leadership of Project Teams marcusevans conferences, 2014

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : ISO9000:2000 Series Auditors / Lead Auditor Certified by IRCA certificate No. 060805S.
- : Level II as N.D.T. Engineering from ASNT - 1998 (RT, UT, PT, MT, VT).
- : CAWI (Certifies Associate Welding Inspection) from American Welding Society (AWS).
- : Course in Welding defects and how to avoid this, Egypt – Cairo, DAS Research International Center, Sep. 1997.

- : Babcock & Wilcox – Canada – Ontario – course in quality control on Radiograph inspection, visual inspection, magnetic particle inspection and ultrasonic examination.
- : Course in engineering management, Cairo, DAS Research international Center, Sep. 1997.
- : Babcock & Wilcox – Canada – Ontario – course in fabrication process tube preparation, heat treatment and manual welding, Jun. 1992.
- : Central metallurgical – Welding Research Center – Cairo, training course in welding technology, welding metallurgy, non-destructive testing and heat treatment, Mar. 1992.
- : GEC/Alstom/Group/Paris and at factory of 1yz- les-lannoy, course in the manufacturing and production management techniques, Jul. 1991.
- : Safety training course, Jan. 1990.
- : Basics and site specifics training courses, constituting, a program of concentrated study of power plant equipment and systems theory and application, May 1989.
- : BECHTEL, Shoubra El-Kheima Power Plant.
- : At American University Cairo:
 - Introduction to microcomputers for engineers.
 - AutoCAD - level I, II and level III soled modeling.
 - Data base management level I, II.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2013 till now
Employer : ALGHANIM INTERNATIONAL TRADING & CONT. CO. W.L.L.
Project : AZ ZOUR SOUTH POWER AND DISTILLATION PLANT – KUWAIT
Job title : QA/QC Manager (Civil, Mech. & Elec.)

Dates : From May 2012 till Feb. 2013
Employer : DOOSAN
Project : El Ain Sokhna Supercritical Thermal Power Plant
Job title : Deputy Construction Manager (Civil, Mech. & Elec.)

Dates : From May 2009 till May 2012
Employer : UNICON Company
Project : Abu Qir Thermal Power Plant Units 6 & 7 - Waste Water Treatment Plant
Job title : Project Manager (Civil, Mech. & Elec.)

Dates : From Dec. 2007 till May 2009
Employer : Siemens AG PG DOOSAN Consortium
Project : Shuaibah III Independent Water and Power Plant (IWPP) – KSA
Job title : QA/QC Site Manager (Civil, Mech. & Elec.)
Job Description :

- Ensure that the site at all time comply with the client requirements and code.
- Quality audit to verify that the project systems are in place and are capable of functioning satisfactorily.

- Reviewed the welding procedure WPS & Procedure qualification record (PQR) & Inspection Test Plan (ITP).
- Inspection walk down, QA/QC clearance & hydrostatic test witnessing.
- Punch list completion for taking over & acceptance certificates.
- Inspection commissioning & Turnover of mechanical, Electrical & instrumentation of workshop tools.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From Sep. 2007 till Dec. 2007
Employer : Saad Industrie Consulting GmbH, Unterhaching – GERMANY
Project : Azeri Energy Power Plant (Sumgait-CCPP) – Azerbaijan
Job title : QA/QC Site Manager
Job Description :

- Reviewing & applying welding procedure WPS, FQP, ITP & Procedure qualification record (PQR).
- Resolution of non-conformities product on site.
- Inspection walk down, mechanical clearance & hydrostatic test witnessing.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From Mar. 2006 till Sep. 2007
Employer : Al Furat Petroleum Company
Project : In SYRIA
Job title : On-job Trainer (NDT)
Job Description :

- On-job trainer more than 15 Inspectors.
- Preparing NDT procedures.
- Site Inspection walk down.
- Interpretation and Evaluation of welding Discontinuity performed by NDT.

Dates : From Aug. 2005 till Mar. 2006
Employer : ORASCOM Construction Industries
Project : AMMONIA/UREA PROJECT – SUEZ II
Job title : QA/QC Manager
Job Description :

- Preparing welding procedure WPS & Procedure qualification record (PQR) & Inspection Test Plan (ITP).
- Inspection walk down, QA/QC clearance & hydrostatic test witnessing.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From May 2005 till Aug. 2005
Employer : EMC SUN MASRE
Project : RASHED PETROLEUM COMPANY – EDCO

Job title : QC Site Inspector
Job Description :

- Preparing the Field Quality Plan (FQP) & Inspection Test Plan (ITP).
- Inspection walk down, QA/QC clearance Hardness, visual Thickness and hydrostatic test.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Reviewing the Hydrostatic Test Packages.
- Finally reviewing all the QC final documentations for taking over with the client.

Dates : From Jun. 2004 till May 2005
Employer : SIEMENS Industrial Solution & Services
Project : EGYPTIAN LNG IDKO
Job title : QA/QC Site Manager
Job Description :

- Reviewing & coordinate between Mechanical-Electrical to ensure that the site at all time comply with the client requirements and code.
- Preparing the Quality Control Plan and suitable Inspection Forms according to specification.
- Preparing WPS, PQR according to AWS D1.1.
- Check final documentation of test package.
- Resolution of non-conformities product on site.

Dates : From Oct. 2003 till Jun. 2004
Employer : NEM/ DSD (Dillinger Stahlbau Duesseldorf) - Ferrometalco (German Co.)
Project : Cairo North Power Station
Job title : QA/QC Site Manager
Job Description :

- Ensure that the site at all time comply with the client requirements and code.
- Manage and control more than 10 Engineers.
- Quality audit to verify that the project systems are in place and are capable of functioning satisfactorily and to find the Non-conformance in quality system, to seek and discuss the problems in quality system and management on the purpose of quality system improvement and work improvement (ISO9000:2005 Quality management systems - Fundamentals and vocabulary ISO9001:2008 Quality management systems - Requirements).
- Reviewed the welding procedure WPS & Procedure qualification record (PQR) & Inspection Test Plan (ITP).
- Inspection the workshop boilers fabrication.
- Inspection walk down, QA/QC clearance & hydrostatic test witnessing.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From Apr. 2003 till Oct. 2003
Employer : WASCOEL WASTANI PETROLEUM CO.
Project : SALES GAS PIPE (8&6") SOUTH EL MANZALA, Damietta

- Job title** : QC Site Manager
- Job Description** :
- Ensure that the site at all time comply with the client requirements and code.
 - Preparing welding procedure WPS & Procedure qualification record (PQR).
 - Preparing the Field Quality Plan (FQP) & Inspection Test Plan (ITP).
 - Inspection walks down, QA/QC clearance & hydrostatic test witnessing and test packages.
 - Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
 - Resolution of non-conformities product on site.
 - Finally reviewing all the QA/QC final documentations for taking over with the client.
- Dates** : From Sep. 2002 till Apr. 2003
- Employer** : DSD (Dillinger Stahlbau Duesseldorf) - Ferrometalco (German Company)
- Project** : Damietta LNG storage tanks (LIQUIFIED NATURAL GAS)
- Job title** : QC Site Manager
- Job Description** :
- Ensure that the site at all time comply with the client (DLC) requirements and code.
 - Supervising the erection of steel structure and Mechanical Equipments.
 - Site Welding inspection for different material (P91, 13CrMo44, etc.).
 - Preparing welding procedure WPS & Procedure qualification record (PQR).
 - Interpretation and evaluation of welding discontinuities and performing the NDT methods.
- Dates** : From Jul. 2001 till Sep. 2002
- Employer** : 3EC - EDF Egyptian Engineering
- Project** : East Port Said Power Plant 2x341MW
- Job title** : QC/QA Welding Senior Engineer
- Job Description** :
- Ensure that the site at all time comply with the client requirements and code.
 - Assigned as site Welding Inspector to monitor all welding process including Boilers Tanks Fabrication, Pipe Erection.
 - The duties included also inspection of all various construction tasks.
 - Quality audit to verify that the project systems are in place and are capable of functioning satisfactorily and to find the Non-conformance in quality system, to seek and discuss the problems in quality system and management on the purpose of quality system improvement and work improvement (ISO9000:2005 Quality management systems - Fundamentals and vocabulary ISO9001:2008 Quality management systems - Requirements).
 - Reviewed the welding procedure WPS & Procedure qualification record (PQR) for all subcontractors.
 - Reviewed the Field Quality Plan (FQP) & Inspection Test Plan (ITP) according to Foster Wheller France, DSD FERROMETALCO-TCM Techint Cimimontubi and Orascom specification & ASME B31.1 and API650.
 - Monitoring weekly welding status.

- Inspection the workshop boilers fabrication.
- Reviewing the Hydrostatic Test Packages Inspection walk down, QA/QC clearance & hydrostatic test witnessing.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From Mar. 2000 till Mar. 2001
Employer : FINCIMIC
Project : Expansion Lube Oil Plant, Alexandria
Job title : QC/QA Engineer
Job Description :

- Ensure that the site at all time comply with the client requirements and code.
- Quality audit to verify that the project systems are in place and are capable of functioning satisfactorily.
- Reviewed the welding procedure WPS & Procedure qualification record (PQR).
- Reviewed the Field Quality Plan (FQP) & Inspection Test Plan (ITP).
- Inspection walk down, QA/QC clearance & hydrostatic test witnessing.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From Jan. 1999 till Mar. 2000
Employer : Waste Water Treatment ANSALDO
Project : Greater Cairo Waste Water Treatment
Job title : Senior Quality Control Engineer
Job Description :

- Reviewed the welding procedure WPS & Procedure qualification record (PQR).
- Reviewed the Field Quality Plan (FQP) & Inspection Test Plan (ITP).
- Monitoring weekly welding status.
- Inspection walk down, QA/QC clearance.
- Interpretation and Evaluation of welding Discontinuity performed by NDT methods.
- Reviewing the Hydrostatic Test Packages.
- Finally reviewing all the QA/QC final documentations for taking over with the client.

Dates : From May 1991 till Jan. 1999
Employer : EEA (Egyptian Electricity Authority)
Project : 10th of Ramadan work shop boiler fabrication
Job title : Senior Welding / Inspector Engineer
Job Description :

- Equip. installation in the project & section head of welding department for boiler fabrication.
- Responsible for controlling the production workshop power plant of Workshop.

- Inspection and testing of Industrial Piping Factories Producing Fabricated.
- Longitudinal and Spiral Seam Welded Piping according to National Standards and Codes.
- Welder's Qualification Test. and preparing welding procedure WPS & Procedure qualification record (PQR).

Dates : From Nov. 1987 till May 1991
Project : Shoubra El-Kheima Power Plant 4x315MW
Job title : Maintenance Workshop & Welding / Inspector Engineer
Job Description :

- Responsible for controlling the production and Maintenance mechanical workshop power plant of Workshop.
- Welding & Inspection for Boilers and Turbines including all overhauls and trips (piping, Rotors, Bearing, studs, valves, etc.) and repairs.
- Maintenance Workshop and Mechanical Instructor for measuring tools, cutting tools, mechanical fabrication & welding technology in Shoubra Power Plant Training Center.
- Instructor in Technical secondary schools (Mobark-koal) project and author in technical drawing for ministry of education.
- Welder's Qualification Test and evaluation of welding discontinuities and performing the NDT methods.

Field of experience :

- Boiler and Power Plant, Ammonia/Urea Plant, Water treatment plant, Storage tanks' (LNG tanks).
- Welding inspection and preparing WPS and PQR according to DIN, AWS and ASME.
- Welder qualification and Monitoring Record.
- Review of N.D.T. results and completion of test percentage according to project specification.
- QA activities and Documentation (Miscellaneous procedure, destructive tests for P.Q.R. & welding maps, inspection & test plane ITP).
- Final inspection and punch list.
- Materials inspection according to DIN, ASME, ASTM, JIS & MATERIAL TAKES OFF.
- Steel structure fabrication & erection.
- Familiar by AWS, ASME, EN & API.
- Fully conversant with AFPC (Al-Forat Petroleum Co.) Codes and Standards:
 - API 1104 - Standard for welding of pipelines.
 - API 650 Welded steel tanks for oil storage.
 - API 653 Tank inspection, repair, alterations and reconstruction.
 - API 620 Design and construction of large welded low pressure storage tanks.
 - API 510 Pressure vessel inspection code maintenance inspection, rating repair and alteration.
 - API 572-RP Inspection of pressure vessels, towers, drums reactors, heat exchangers and condensers.
 - API 576 Inspection of pressure relieving devices.
 - API 570 Inspection repair, alteration, re rating of in service piping systems.
 - API 6D Pipeline valves.

- API 1110 Pressure Testing of Liquid Petroleum Pipelines.
- API 1157 Hydrostatic Test Water Treatment and Disposal Options for Pipelines.
- ANSI (American National Standards Institute) B31.1 POWER PIPING.
- ANSI (American National Standards Institute) B31.3 Process piping (Chemical plant and petroleum refinery piping).
- ANSI (American National Standards Institute) B31.4 Liquid petroleum transportation piping system.
- ASME Code.
- AWS Welding Handbook.
- Familiar with the following materials:
 - SA-335 P91 (X10CrMoVNb9-1)
 - SA-335 P11 (13CrMo4-5)
 - SA-790 UNS S31803 (X2CrNiMoN22-5-3), Duplex
 - SA-312 TP321 (X6CrNiTi18-10) 1.4541
 - Incoloy 800H (X10NiCr AlTi32-20) 1.4876
 - Inconel 600 (NiCr15Fe) 2.4816
 - API 5L Gr A, B, X42, X46, X52, X56, X60, X65
 - SA-335 P22 (10CrMo9-10)
 - SA-312 TP304L (X2CrNi19-11)
 - SA-312 TP316L (X2CrNiMo17-13-2)
 - X20CrMoV12-1
 - SA-333 Gr 1,6
 - SA-790 UNS S32906 (Safurex)
 - SA-312 TP347 (X6CrNiNb18-10) 1.4550
 - SA-106 A, B, C
 - 16Mo3
 - St 35.8 P235G1TH (1.0305)
 - SA-312 TP316Ti (X6CrNiMoTi17-12-2)
 - 20MnNoNi 4-5 (1.6311)
 - 15NiCuMoNb 5-6-4 (1.6368)

Summary:

27 years experience in QA/QC Management of Oil & Gas, Infrastructure, Utilities, Power Plants, etc.:

- Ensure that the Project Quality requirements are understood at all levels.
- Ensure that inspection activities are coordinated and carried out to specified requirements.
- To prepare Project Quality Plan for the Project.
- To prepare Inspection Test Plans and check lists for all major activities and review Method Statements prepared by site team.
- Develop inspection procedures and implement throughout the construction stages.
- To arrange / ensure timely inspection and approval of all materials / equipment delivered /completed installations at site by Consultants and maintain records.
- To ensure timely action on any comments / complaints by the Consultant/ Client and closing of NCRs, if any.
- To ensure that all testing and measuring instruments are calibrated as per standard requirements.

- Ensure implementation of quality standards and control.
- Implementing Quality Management System.
- Implementing Quality policy and objectives.
- REPORTS GENERATED:
 - Monthly Quality Reports.
 - Quality Observation Reports.
 - Non Conformance Reports.
 - Inspection and Testing Plans.
 - Test reports.
 - Consultant NCRs.
 - Method statements, Material submittals, Technical submittals.
- MEETINGS ATTENDED:
 - Prestart meetings.
 - Quality Meetings.
 - Progress meetings.