

100414-MET-15QW-E-2006
Team Leader QC Mechanical Engineer

Holds a B. Sc. in Mechatronics Engineering and has about 10 years hands-on experience working as QA/QC Engineer in the field of fabrication, erection and inspection of Metallic Constructions (Piping, Plate Work & Steel Structures).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/05/1984
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechatronics Engineering, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: CSWIP 3.1 according TWI (UKAS certification No. 66513).
: Visual Inspector (VT) ASNT - level II.
: Radiographic Testing (RT) ASNT - level II.
: Ultrasonic Testing (UT) ASNT - level II.
: Magnetic Particle Testing (MT) ASNT - level II.
: Liquid Penetrant Testing (PT) ASNT - level II.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2016 till now
Employer : Orascom
Job Description : Working as Team Leader QC Mechanical Engineer (Pressure vessel, HRSG, Tanks & Piping) at El-Burullus 4800MW Combined Cycle Power Plant.

Dates : From Feb. 2014 till Jan. 2016
Employer : SGS
Job Description : Worked as the Third Party at the Grand Egyptian Museum in National Steel Fabrication Company (NSF).

Dates : From 2007 till 2013
Employer : DSD Ferrometalco
Projects :

- LIME KILN SHELL STEEL WORKS - Daniel Skuil - SOUTH AFRICA (Senior QC Engineer)
- Fabrication and Erection of project New Doha International Airport in Qatar "ADCC" (Senior QC Engineer)
- Fabrication of FOSTER WHEELER ENERGIA with "ARAMCO" (Senior QC Engineer)
- Fabrication of ABU QIR Thermal Power Plant "ANSALDO" (Senior QC Engineer)
- Windmill Towers (client: GAMESA EOLICA) (QC Engineer)
- Fabrication of grain (3 units) power plants in England "ALSTOM" (QC Engineer)
- Fabrication of Aghada power plants in Ireland "ALSTOM" (QC Engineer)
- Fabrication of Staythyrope (4 units) power plants in England "ALSTOM" (QC Engineer)
- Fabrication of El-Tebbin Thermal Power Plant "ANSALDO" (QC Engineer)
- Fabrication of Cairo Waste Thermal Power Plant "Archridon" (QC Engineer)

Job titles : QA/QC Engineer / Senior QC Engineer

Field of experience :

- Project Quality Operations:
 - Studying project specifications and making familiar with project quality requirements.
 - Taking necessary action through construction to revise NDT procedures, inspection test plans, quality control plans from time to times to meet the changes in project requirements.
 - Directing timely actions to satisfy project management team and project management consultants in QA/QC related issues.
 - Finalizing requirements of QA/QC inspection instruments, equipments and making them available at work site.
 - Ensuring that targets are achieved by result oriented research & development and maintaining quality standards.
 - Attending weekly quality meetings with client & contractors quality representative and solving project quality related problems.
 - Preparing reviewing final documents necessary for proper approval and acceptance of project quality.
- Quality Assurance:
 - Conducting necessary pre-qualification tests for welding coupons, welders and NDT operators and arranging for the availability of necessary qualification certificates.
 - Periodically checking the fabrication material storage, welding electrodes storage and NDT materials storage to conform the

proper storage with no mixing and good handling techniques to conform project specification / manufacturers recommendations and international standards are met.

- Coordinating with External quality auditors to conduct the quality audits within the company & at contractor site and taking necessary action to close the NCR's if any.
- Quality Control:
 - Checking that QC instruments/equipment is calibrated as per projects QA procedures and ensuring the availability of all the calibration certificates at site office.
 - Making arrangements for necessary material verification & traceability.
 - Updating inspection reports documentations.
 - Conducting audits in contractors.
 - Making necessary follow ups with construction to take action against and quality NCR's.
 - Ensuring that daily dimension, visual and NDT inspection reports prepared by inspectors is documented.
 - Finalizing quality punch lists made by contractor, following up for closing quality punch list points and reviewing the final test pack.
 - Inspection carried out based on RFI (Request for Inspection) from construction as per the applicable Inspection Test Plan & Project Specification.
 - Ensure fulfillment of all stages of Application as per the Project specification.
 - Ability to dealing with different codes (AISIC, AWS, EN, ASME, API & ANSI).
 - Prepare inspection test plane according to client specification and the code requirements.
 - Inspect incoming materials and Certificate according to code requirements.
 - Witness on the procedures of qualification record (PQR).
 - Review welding procedure specification (WPS).
 - Witness on welder qualification test (WQT).
 - Coordinate with project teams to ensure all procedures are correct.
 - Coordinate inspection activities with Clients / Third Parties in accordance with approved inspection & test plan.
 - Coordinate quality activities between principal contractors, subcontractors and any other individual parties who may be working on the same site.
 - Check that all necessary inspections and tests had been done and updated.
 - Perform fabrication inspections, as necessary, as per applicable inspection & test plan and relevant specifications, standards & codes (Dim & Visual).
 - Participate in site level quality meetings with the project team and the customers.
 - NDT witness and interpretation.
 - Witness of pressure test.
 - Final release and acceptance as per drawings & standard codes.
 - Final documentation review /approval.
 - Ensure and close-out of all field snags within the time frame agreed with the client.

- Verify that post weld heat treatment had been done satisfactorily, if required.