

Holds a B. Sc. in Civil Engineering and has over 22 years' experience working in QA/QC and NDT field at several projects.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 18/02/1975  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## **EDUCATION**

: B. Sc. in Civil Engineering, Alexandria University, 2001

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD 2D

## **TRAINING COURSES AND CERTIFICATIONS**

: Certificates:

- CSWIP (3.1).
- Level II (Magnetic particle testing method).
- Level II (Radiographic testing method).
- Level II (visual inspection).
- Level II (Ultra sonic testing method).
- Level II (Liquid penetrant testing method).

: Industrial Safety training course, approved from BECHTEL.  
: Training Course on Quality Principles (ISO 9001:2004), approved from TARGET for systems, Quality & Environment.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2016 till now  
**Employer** : [EGYPTROL](#), GE Energy Subcontractor  
**Project** : New Assiut Combined Cycle Add-on Power Plant 2x250MW  
**Job title** : QA/QC & NDT Engineer  
**Job Description** :

- Prepare and reviewed project procedures and project quality control plan to compliance with codes and project specifications.
- Assurance that the QA policies procedures and instructions are properly implemented.
- Identify within project the necessary quality activity.
- Monitoring and audits during the various phases of procurement and construction.
- Resolution of non-conformities product on site.
- Interpreted and reviewed all NDE reports against codes.
- Witnessed to qualified welders tested in accordance applicable codes.
- Inspection of pumps and equipment's leveling and alignment.
- Inspection and witnessed to piping /PL Hydro test and reviewed test packages.
- Reviewed and closed pre-punch and post-punch list and final documents.
- Inspection and reviewed materials certificates against codes and project specifications.

**Dates** : From Apr. 2015 till Sep. 2016  
**Employer** : EMC (Egyptian Maintenance Co.)  
**Project** : ELNG (Egyptian Liquefied Natural Gas – Idku (Extention Projects)  
**Job title** : QA/QC ENGINEER MECHANICAL

**Dates** : From Jun. 2014 till Mar. 2015  
**Employer** : PETROJET  
**Project** : Petrochemical (SIDPEC) Project  
**Job title** : QA/QC ENGINEER MECHANICAL

**Dates** : From Apr. 2013 till May 2014  
**Employer** : GUPCO (Gulf of Suez Petroleum Company)  
**Projects** : Onshore & Offshore Projects  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** :

- Responsible for establishing documentation system.
- Following the company quality system (procedures, quality control plan, forms, drawings, work instructions, etc.).
- Follow up the daily activities on site and to assure that the correct are applied and recording of data in daily base.
- Review qualification and certification for personnel and equipments.
- Organize NDT activities according to the approved detailed request.
- Follow up NDT results and recording of data in daily base.
- Submit the weekly summary to the head of QC department including all

NCRs, repairs and NDT reports.

- Responsible for preparing the final documents and hand over with the owner.
- Inspect all received materials.
- Check that submit re-calibration request list and inspection measurement and test measuring equipment.
- Review & close pre-punch and post-punch list and final documents.
- Inspection and witnessed to piping / pipelines Hydro test and reviewed test package.

**Dates** : From Feb. 2012 till Apr. 2013  
**Employer** : EMC (Egyptian Maintenance Co.)  
**Project** : ELNG (Egyptian Liquefied Natural Gas – Idku (Extention Projects))  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** :

- Prepare and reviewed project procedures and project quality control plan to compliance with codes and project specifications.
- Assurance that the QA policies procedures and instructions are properly implemented.
- Identify within project the necessary quality activity.
- Monitoring and audits during the various phases of procurement and construction.
- Resolution of non-conformities product on site.
- Interpreted and reviewed all NDE reports against codes.
- Witnessed to qualified welders tested in accordance applicable codes.
- Inspection of pumps and equipment's leveling and alignment.
- Inspection and witnessed to piping / PL Hydro test and reviewed test packages.
- Reviewed and closed pre-punch and post-punch list & final documents.
- Inspection and reviewed materials certificates against codes and project specifications.

**Dates** : From May 2010 till Feb. 2012  
**Employer** : DSD Ferrometalco  
**Project** : Abu Qir Thermal Power Plant  
(2x650MW Gas / Oil Fired Units (Boilers No. 6 & 7))  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** : Responsible for boiler activities:

- Responsible for establishing documentation system.
- Following the company quality system (procedures, quality control plan, forms, drawings, work instructions, etc.).
- Follow up the daily activities on site and to assure that the correct are applied and recording of data in daily base.
- Review qualification and certification for personnel and equipment.
- Organize NDT activities according to the approved detailed request.
- Follow up NDT results and recording of data in daily base.
- Submit the weekly summary to the head of QC department including all NCRs, repairs and NDT reports.
- Responsible for preparing the final documents and hand over with the main contractor.
- Inspect all received materials.

- Check that submit recalibration request list and inspection measurement and test measuring equipment.
- Review & closed pre-punch and post-punch list and final documents.
- Inspection and witness to hydro test and review test packages.
- Inspection and witness to Boiler Chemical Cleaning.
- Inspection and witness to Boiler Steam Blowing system.
- Follow up and inspection Reinstatement of boiler components after steam blowing.

**Dates** : From Jun. 2008 till Feb. 2010  
**Employer** : Petrojet  
**Project** : Methanol Plant Damietta 1 Project  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** :

- Prepare and review project procedures and project quality control plan to compliance with codes and project specifications.
- Assurance that the QA policies procedures and instructions are properly implemented.
- Identify within project the necessary quality activity.
- Monitoring and audit during the various phases of procurement and construction.
- Resolution of non-conformities product on site.
- Interpret and review all NDE reports against codes.
- Witness to qualified welders tested in accordance applicable codes.
- Inspection and witness to piping / PL Hydro test and review test packages.
- Inspection of pumps and equipment's leveling and alignment.
- Review and closed pre-punch and post-punch list and final documents.
- Inspection and review materials certificates against codes and project specifications.

**Dates** : From Jan. 2008 till Jun. 2008  
**Employer** : TARRADCO International Company for projects & contracts  
**Project** : EI-Ezz Flat Steel Project:  
 Fabrication of 14 wall panels, 2 roof panels, 2 shield panels & 1 elbow panel  
**Job title** : QA/QC Manager

**Dates** : From Oct. 2007 till Jan. 2008  
**Employer** : Rico Petroleum & Inspection Services  
**Project** : Khalda / Petrofac Project (Salam Gas Trains 3 & 4)  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** :

- Responsible for establishing and reviewing project NDT procedures (Visual Examination, Penetrant testing, Magnetic testing, Ultrasonic testing and Radiographic testing procedures).
- Carrying out NDE including:
  - Visual Examination.
  - Thickness Measurement.
  - Ultrasonic Testing.
- Interpreted all NDE in accordance to applicable codes.

- Preparing NDE Reporting (VT, PT, MT, UT and RT reports).

**Dates** : From Feb. 2007 till Oct. 2007  
**Employer** : IEMSA  
**Project** : Ammonia/Urea Fertilizers Plant – Mopco, Damietta  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** : Responsible for boiler, reformer and urea area:
 

- Prepare and review project procedures and project quality control plan to compliance with codes and project specifications.
- Assurance that the QA policies procedures and instructions are properly implemented.
- Identify within project the necessary quality activity.
- Monitoring and audit during the various phases of procurement and construction.
- Resolution of non-conformities product on site.
- Interpret and review all NDE reports against codes.
- Witness to qualified welders tested in accordance applicable codes.
- Inspection of pumps and equipments leveling and alignment.
- Inspection and witness to Boiler / Piping hydro test and review test packages.
- Review and closed pre-punch and post-punch list and final documents.
- Inspection and review materials certificates against codes and project specification.

**Dates** : From Aug. 2006 till Feb. 2007  
**Employer** : DSD Ferrometalco  
**Project** : EPIC 2000 MTPD Plant Project:  
 Construction of 5 water tanks and 2 ammonia tanks  
**Job title** : QA/QC ENGINEER MECHANICAL

**Dates** : From Feb. 2005 till Aug. 2006  
**Employer** : IEMSA  
**Project** : Ammonia/Urea Fertilizer Plant – Alex. Fert.  
**Job title** : QA/QC ENGINEER MECHANICAL  
**Job Description** : Responsible for boiler and urea area.

**Dates** : From Oct. 2004 till Feb. 2005  
**Employer** : ARESCO (Manufacturing & Industrial Projects)  
**Project** : Egyptian LNG Project (IDKU)  
**Job title** : QA/QC ENGINEER MECHANICAL

**Dates** : From Feb. 2002 till Oct. 2004  
**Employer** : TARRADCO International Company for projects & contracts

**Projects** : • Repair & Maintenance meter bank no. 4 "Sumed", Sidi Krir  
• Misr Canada for production and blending of Lube Oils Project (DCH – Hylube Unit)  
• R/B Boat Landings a, b & c Fabrication & Erection "Suco"  
• EI-Amal – B platform Project

**Job title** : QA/QC ENGINEER MECHANICAL

**Dates** : From Feb. 2001 till Feb. 2002  
**Employer** : DEVCO (International Company for Industrial Development)  
**Projects** : • EGYPT Air Dye Ice Factory (24,000 L. CO2 pressure vessel):  
- Testing Engineer  
• Inspection for CO2 pressure vessel – " MISCO" project (Ismalija):  
- QA/QC & NDT Engineer, carrying out NDE including:  
▪ Visual Examination.  
▪ Thickness Measurement.  
▪ Ultrasonic Testing.  
▪ Hydrostatic Test.  
▪ Interpret all NDE in accordance applicable.  
▪ Preparing NDE Reporting.  
• Lifting Equipment Inspection (FMC. LINK BELT S 3/8):  
- QA/QC & NDT Engineer

**Dates** : From Apr. 2000 till Feb. 2001 (before graduation)  
**Employer** : Detection Welding & NDT Consulting Office

**Field of experience** : • Quality Control Manuals and Procedures.  
• Quality Control Plans.  
• Concrete Tank.  
• Steel Structure Fabrication and Erection.  
• Piping Fabrication and Erection.  
• Firefighting and HVAC.  
• Plant Inspection.  
• Storage Tanks Inspection.  
• Pressure Vessel Fabrication and Inspection.  
• Welding Procedure Qualification (WPS's).  
• Welder Qualification and Monitoring Recode.  
• Non-Destructive Testing.  
• Material Control Inspection.  
• Quality Document Record and Control.  
• Responsibilities:  
- Understand customer needs and requirements to develop effective quality control processes.  
- Devise and review specifications for products or processes.  
- Set requirements for raw material or intermediate products for suppliers and monitor their compliance.  
- Ensure adherence to health and safety guidelines as well as legal obligations.  
- Supervise inspectors, technicians and other staff and provide guidance and feedback.  
- Oversee all product development procedures to identify deviations

from quality standards.

- Inspect final output and compare properties to requirements.
- Approve the right products or reject defectives.
- Keep accurate documentation and perform statistical analysis.
- Solicit feedback from customers to assess whether their requirements are met.
- Submit detailed reports to appropriate executives.
- Be on the lookout for opportunities for improvement and develop new efficient procedures.
- Responsible to all the mechanical (piping, equipment, steel structure, firefighting, Plumbing and HVAC) and welding activities at plant.
- Ensure material used as per project specification and from approved supplier or subcontractor and verify the material inspection has been carried out prior to transfer to site.
- Liaise with internal and external concerned parties (manufacturing, construction, client, installation, maintenance, support, documentation, and testing teams) to ensure compliance with specification, standard and codes.
- Fully coordinate with area site engineers and client counterparties for organizing and planning the work as per project schedule.
- Review all drawings and prepare QCP & ITPs in project as per project specification.
- Aware of metallic and nonmetallic piping work (CS / SS / GRP / HDPE / PVC, etc.).
- For metallic work, review and prepare all the procedure qualification records (PQR'S) and the supporting welding procedure specification (WPS'S) according the applicable Checking welder performance qualifications (WPQ'S) to the WPS which applicable.
- Make welding map in all the drawing for every joint welded contain welder identification, date of welding and type of non-destructive testing required according to the type of the material, thickness & service class.
- Prepare repair action plane in order to minimize the repair rate as per project specification.
- Review all the post weld heat treatment charts to be sure it's done as per in the WPS.
- Be sure that all NDE is done and accepted and if there are any repairs have to be done according to the repair procedure.
- Supervise quality inspectors' work and monitor overall inspections on all site activities, materials and recourses by conducting random inspections to make sure all relevant procedures, requirements specifications and regulations are implemented.
- Undertake analysis, develop recommendations to solve identified problems and discrepancies.
- Liaise / meet with internal and external clients to discuss discrepancies or any specific matters relating to quality.
- Coach Quality inspectors at lower levels in order to integrate them in the work and train them to ensure their continuous skill level improvement.
- Supervision of all flanges tightening (manual, torqueing, tensioning) and maintain record.
- Responsible for all steam tracing and HTC installation.

- Aware of Inspection and erection of ducts related to HVAC in building work.
- QC in charge for Fresh cooling water system installation in QGX II project.
- Set up preservation / protection plan for materials at site according to project specification and vendor requirements and reporting any violations.
- Witness / inspect execution of all site test (hydrostatic, pneumatic / tightness, in-service, gravity test, etc.) review and approval of test results and relevant certificates.
- Supervise the proper control of documents and records according to Quality Management System and make sure the latest revision of the project's technical documents is always circulated to concerned parties.
- One of the team for ISO (9001-2000) review in Arab steel fabrication company (ASF).
- One of the team who participated in ASF certification with (U & S STAMP) for pressure vessels and power Boilers construction according to ASME I & VIII div.1.
- Make inspection of the fabrication and erection of storage tanks as per client specification and required standard.
- Make inspection of the fabrication of pressure vessel as per client specification and required standard.
- Aware of Qatar Construction Standard (QCS).
- Aware of the international standards and codes such as ASME, AWS, API, EN, ASTM, PED.
- Test packs work:
  - Control and follow up the test pack flow with the client and site engineers to clear any punches (NDT, Heat treatment, DWRs...).
  - Assist to clearly provide the turnover documents to client.
  - Preparing & Check Test Pack Documents & Submit to the Client.
  - Preparing the NDT covering status for each Test Pack if applicable.
  - Preparing the Welding Summary for each Pipe Line if applicable.
  - Coordinate Test Pack Activities and Issuance of Internal Punch List.