

**104727-MMP-14QWX-E-2005**  
**Mechanical QA/QC Welding / Piping Inspector**

Holds a B. Sc. in Metallurgical & Materials Science Engineering and over 15 years experience in Mechanical QC Welding engineering within Oil & Gas, Power Plants, Fertilizer Plants. Familiar with ASME, API, AWS and DIN/EN standards.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/04/1983  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Metallurgical & Materials Science Engineering, Suez Canal University, 2005

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

- : International Welding Engineer (IWE) - International Institute of Welding (IIW).
- : Authorized Piping Inspector (API 570) - American Petroleum Institute (API) (Issued Feb. 2016 - Expires Apr. 2022).
- : Certified Welding Inspector (CWI) - American Welding Society (AWS) (Issued May 2010 - Expired May 2013).
- : Non-destructive Testing according to (ASNT-TC-1A) in:
  - Radiographic testing method (RT) level (II) (Issued Feb. 2017 - Expires Jan. 2022).
  - Magnetic particle test (MT) level (II) (Issued Oct. 2015 - Expires Oct. 2025).
  - Liquid penetrant test (PT) level (II) (Issued Oct. 2015 - Expires Oct. 2025).
  - Ultrasonic test (UT) level (II) (Issued Oct. 2015 - Expires Oct. 2025).

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2017 till now  
**Employer** : Saipem  
**Project** : KIPIC Al-Zour Refinery Project, EPC PKG-4, Kuwait  
(Erection & Fabrication of piping and equipment's)  
**Job title** : Mechanical QA/QC Welding / Piping Inspector
- Dates** : From Jan. 2016 till Sep. 2017  
**Employer** : El-Masria Construction Contract MCC / PSP (Power System Projects)  
**Project** : Beni Suef Combined Cycle Power Plant 4800MW  
(Erection of four Gas Turbines and one HRSG)  
**Job title** : Mechanical QC Manager  
**Job Description** :
  - Verification of compliance to ASME I, II, V, IX, B31.1, AWS D1.1 standards with SIEMENS Specifications.
  - Specifications Responsible for all mechanical quality issues.
  - Responsible for all the quality activities as indicated in the specifications and ITP/FQP.
  - Prepare the PQRs, WPSs according to ASME IX, with regard to the Client specifications.
  - Witness the welders performance qualifications records (WQT) according to ASME IX.
  - Welding Consumables Selection, Estimation and prepare the Consumables control procedure.
  - Reviewing the drawings for welding symbols, joints design and welding accessibility.
  - Prepare the welding maps, welding tables and welding summary.
  - Preparing Work instructions and repairs procedure.
  - Responsible for all NDT activities.
- Dates** : From Feb. 2014 till Dec. 2015  
**Employer** : ThyssenKrupp Industrial Solution TKIS (UHDE)  
**Project** : BAGFAŞ Fertilizer Plant - TURKEY  
(Erection Piping, Duplex double wall nitric acid tank, NH3 double wall tank)  
**Job title** : QC Welding Engineer  
**Job Description** :
  - Verification of compliance to applicable codes & Specifications (API 620, API 650, ASME II, V, IX, B31.3 codes, EN ISO standards).
  - Review the PQRs, WPSs according to ASME IX, DIN EN ISO 15614-1 and EN ISO 15609-1 with regard to the Client specifications.
  - Witness the welders/operators performance qualifications records (WQT) according to ASME IX, EN ISO 9606-1 (EN 287-1) and EN ISO 14732 (EN 1418).
  - Witness the QA/QC welding activities as indicated in the procedure specification and test plan.
  - Welding Consumables Selection, Estimation and prepare the Consumables control procedure.
  - Reviewing the drawings for welding symbols, joints design and welding accessibility.

- Line check & identifying punch items and Checking, Verifying Test Packs.
- Review the welding maps, welding tables and welding summary.
- Verification of parent metals' weldability and traceability.
- Visual Inspection before, during and after welding.
- Preparing Work instructions and repairs procedure.
- Review procedures for local and furnace PWHT.
- Verification the welding machine calibration.
- Interpretation of RT films.

**Dates** : From Aug. 2012 till Feb. 2014

**Employer** : DSD FERROMETALCO

**Project** : EHC Fertilizer Plant  
(Erection of one NH<sub>3</sub> double wall tank with 40M diameter, tow water tanks with 20M diameter, one stainless steel tank and all related piping)

**Job title** : Head of Welding Department

**Job Description** :

- Verification of compliance to applicable codes & Specifications (API 620, API 650, II, V, IX codes).
- Preparation the PQRs, WPSs according to ASME IX, with regarding to Client specifications.
- Welders performance qualifications records (WQT) according to ASME IX.
- Reviewing the drawings for welding symbols, joints design and welding accessibility.
- In relation with the clients or representative for the specific problems of welding.
- Preparation the welding machine calibration, consumables control procedure.
- Preparation the welding maps, welding tables and welding summary.
- Responsible for the welders and their productivities at the sites.
- Verification the parent metals' weldability and traceability.
- Preparing Work instruction sand repairs procedure.
- Welding Consumables Selection and Estimation.
- Procedures for local and furnace PWHT.
- Interpretation of RT films.

**Dates** : From Oct. 2010 till Aug. 2012

**Employer** : DSD FERROMETALCO

**Project** : ABU QIR Thermal Power Plant 2x650MW  
(Fabrication and Erection of two boilers and piping Units 6 & 7)

**Job title** : Head of Welding Department

**Job Description** :

- Verification of compliance to applicable codes & Specifications (ASME I, II, V, IX, B31.1 codes).
- Preparation the PQRs, WPSs acc. to ASME IX and AWS D1.1, 3, 6 with regarding to Client specifications.
- Welders performance qualifications records (WQT) according to ASME IX and AWS D1.1, 3, 6.
- Reviewing the drawings for welding symbols, joints design and welding accessibility.
- In relation with the clients or representative for the specific problems of

welding.

- Preparation the welding machine calibration, consumables control procedure.
- Preparation the welding maps, welding tables and welding summary.
- Responsible for the welders and their productivities at the sites.
- Verification the parent metals' weldability and traceability.
- Preparing Work instruction sand repairs procedure.
- Welding Consumables Selection and Estimation.
- Procedures for local and furnace PWHT.
- Interpretation of RT films.

**Dates** : From Mar. 2008 till Oct. 2010  
**Employer** : DSD FERROMETALCO  
**Projects** : Various Projects at workshop:

- EL-TEBBIN Thermal Power Plant 2x350MW (Fabrication of two boilers and piping Units 1 & 2)
- New Doha International Airport (Fabrication the steel structure of New Doha International Airport)
- Liquid Ammonia Tanks (Fabrication of Liquid Ammonia tanks)
- Zaafarana's wind towers farm (Fabrication of Wind towers)
- Manifa's stack and steel structure (Fabrication of stack and steel structure)
- Aghada Power Plant – England (Fabrication of STACK)
- Sardinia Radio Telescope (Fabrication of Sardinia Radio Telescope)

**Job title** : Welding Engineer / Coordinator  
**Job Description** :

- Verification of compliance to applicable codes & Specifications (API 620, API 650, ASME I, II, V, VIII, IX, B31.1, B31.3 codes, EN ISO standards).
- Preparation the PQRs, WPS according to ASME IX, DIN EN ISO 15614-1, EN ISO 15609-1 and AWS D1.1,3,6 with regarding to Client specifications.
- Welders performance qualifications records (WQT) according to ASME IX, DIN EN 287-1 (EN ISO 9606-1), DIN EN 1418 (EN ISO 14732) and AWS D1.1, 3, 6.
- Reviewing the drawings for welding symbols, joints design and welding accessibility.
- Preparation the welding machine calibration, consumables control procedure.
- Preparation the welding maps, welding tables and welding summary.
- Verification the parent metals' weldability and traceability.
- Preparing Work instruction sand repairs procedure.
- Welding Consumables Selection and Estimation.
- Procedures for local and furnace PWHT.

**Dates** : From Jan. 2006 till Dec. 2007  
**Employer** : KAHROMIKA  
**Project** : Various Projects at workshop (Fabrication of steel structure and Drier Drum & Cyclone)  
**Job title** : QA/QC Welding Engineer  
**Job Description** :

- Verification of compliance to applicable codes & Specifications (ASME I, II, V, VIII, IX codes).

- Preparation the PQRs, WPS acc. to ASME IX, AWS D1.1, 3, 6 with regarding to Client specifications.
- Welders performance qualifications records (WQT) according to ASME IX and AWS D1.1, 3, 6.
- Reviewing the drawings for welding symbols, joints design and welding accessibility.
- Preparation the welding machine calibration, consumables control procedure.
- Preparation the welding maps, welding tables and welding summary.
- Verification the parent metals' weldability and traceability.
- Visual Inspection before, during and after welding.
- Preparing Work instruction sand repairs procedure.
- Welding Consumables Selection and Estimation.

Skills:

- Power Plants.
- Oil & Gas.
- Petrochemical.
- Quality Control Management.
- Piping.
- Welding.
- Construction.
- Site Inspections.
- Mechanical Engineering.
- Metallurgy.