

100497-MMP-459CGQW-E-2003
QC Manager & Piping/Welding Engineer

Holds a B. Sc. in Mining & Metallurgical Engineering and has over 15 years of experience in Oil & Gas and Petrochemicals Mega Projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/02/1982
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mining & Metallurgical Engineering, Assiut University, 2003

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: American Welding Society (CW Eng.) (waiting results for final exam).
: ISO 9001:2015 Awareness Course (2017).
: Welding.
: Casting.
: Metal Forming.
: Inspection.
: Steel & Iron Making.
: Mass & Heat Transfer.
: Corrosion Protection.
: Non Ferrous Metals.
: Material Science.
: Failure Analysis.
: Heat Treatment.
: Powder Metallurgy.
: Certificates:

- CWI (No. 06081461).

- API 570 (Cert. No. 570 (35530)).
- Level II in Radiographic examination according to ASNT.
- Level II in Ultrasonic examination according to ASNT.
- Level II in Magnetic particle examination according to ASNT.
- Level II in Liquid penetrant examination according to ASNT.
- API 510 (No. 36510).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2009 till now
- Employer** : Enppi (Engineering for the Petroleum and Process Industries)
- Job title** : QC Manager & Welding/Piping Engineer
- Job Description** :
- Downstream Harada Pipelines Increment (HUG-2) (56" P/L) (BI 10-02142) (from Dec. 2017 till Apr. 2018):
 - Project Description: 56" Pipeline (API 5L Gr. X70) 56Km, Launcher and Reciever.
 - Title: Assigned as Enppi Site QC Manager and Welding Engineer.
 - Responsibilities: Quality Managing of all project construction scope in addition to welding Engineer responsibilities.
 - Rehabilitation of Yanbu South terminal project Onshore Facilitates (BI 10-00567-0006) (from Jan. 2016 till Dec. 2017):
 - Project Description: 56"/48" Piping network rehabilitation and new construction.
 - Title: Assigned as Enppi Site QC Manager and Welding Engineer.
 - Responsibilities:
 - ❖ Quality Managing of all project construction scope in addition to welding Engineer responsibilities.
 - ❖ Reporting the project management about the construction Quality status, areas of concern and required actions.
 - ❖ Controlling the project materials process at site as per company procedures.
 - ❖ Ensuring that all Construction activities adhere to the project specifications.
 - ❖ Ensuring that the project quality procedures are maintained and implemented.
 - ❖ Detecting, identifying and recording quality problems.
 - ❖ Participating in evaluating quality system of sub-contractors.
 - ❖ Issuing the Quality monthly report.
 - ❖ Review NCR status and follow up actions.
 - ❖ Keep record of lesson learned and encourage the team to use it.
 - ❖ Encourage the continuous improvement.
 - ASSIL & KARAM GAS DEVELOPMENT PROJECT (from Feb. 2013 till Dec. 2015):
 - Project Description:
 - ❖ 6" Superduplex wellhead hookups.
 - ❖ 12" Duplex Pipeline.
 - ❖ 12" CS Pipeline.
 - ❖ CO2 Removal Plant and Tie-ins to the existing plant.

- Title: Assigned as Enppi Site QC Manager and Welding Engineer.
- Responsibilities: Quality Managing of all project construction scope in addition to welding Engineer responsibilities.
- EXPANSION OF SUMED STORAGE CAPACITY PHASE 5 (from Feb. 2011 till Jan. 2013):
 - Project Description: 6 tanks 175000m3/tank and 56" piping network.
 - Title: Assigned as QC Welding/Piping Engineer.
 - Responsibilities:
 - ❖ Inspection of the received materials.
 - ❖ Review Mechanical Q.C procedures.
 - ❖ Issue WPS Matrix and the Proposal WPSs.
 - ❖ Approve and witness WPSs & PQRs.
 - ❖ Witness WPQs.
 - ❖ Responsible for Tracking and Reporting Welder Performance.
 - ❖ Surveillance fit-up check and visual inspection.
 - ❖ RT films interpretation.
 - ❖ Review test packs and clearing cat. A punch lists.
 - ❖ Witness the pressure tests and reinstate the piping tested loops.
 - ❖ Assist the commissioning & start-up team.
- DAHSHOR GAS COMPRESSION STATION (from Feb. 2010 till Jan. 2011):
 - Project Description: Gas Compression Station 4 trains.
 - Title: Assigned as QC Welding/Piping Engineer.
 - Responsibilities:
 - ❖ Inspection of the received materials.
 - ❖ Review Mechanical Q.C procedures.
 - ❖ Issue WPS Matrix and the Proposal WPSs.
 - ❖ Approve and witness WPSs & PQRs.
 - ❖ Witness WPQs.
 - ❖ Responsible for Tracking and Reporting Welder Performance.
 - ❖ Surveillance fit-up check and visual inspection.
 - ❖ RT films interpretation.
 - ❖ Review test packs and clearing cat. A punch lists.
 - ❖ Witness the pressure tests.
 - ❖ Reinstate the piping tested loops.
 - ❖ Assist the commissioning & start-up team.
- 20" TAURT- HA'PY GAS PLANTS CROSS OVER (from Nov. 2009 till Jan. 2010):
 - Project Description: 20" P/L connecting two gas plants.
 - Title: Assigned as Enppi QC Welding/Piping Engineer.
 - Responsibilities:
 - ❖ Witness WPQs.
 - ❖ Responsible for Tracking and Reporting Welder Performance.
 - ❖ Surveillance fit-up check and visual inspection.
 - ❖ RT films interpretation.
 - ❖ Review test packs and clearing cat. A punch lists.
 - ❖ Witness the pressure tests.
 - ❖ Reinstate the piping tested loops.

Dates : From May 2007 till Mar. 2009
Employer : Consolidated Contractors Company (CCC)
Project : HABSHAN GAS COMPLEX EXPANSION PROJECT (HGCE) (Sulfer Recovery Plant)
Job title : QC Welding Engineer
Job Description :

- Responsible for WQT & WPQTs.
- Responsible for Tracking and Reporting Welder Performance.
- Follow-up the repair percentage and investigate the results.
- Conducting tool box talk for the welders.
- Responsible for HOT-TAP Mock-up Tests.
- Responsible for visual inspection of welded spools.
- Responsible for reviewing and approval the heat treatment charts per specification.
- Responsible for test packages activities including verification of welding completion, reviewing & approval of welding summary sheet to insure completion of welding & NDT testing per project specification.
- Witness for hydrostatic tests.

Dates : From Sep. 2006 till May 2007
Employer : SGS
Project : EGYPTIAN BASIC INDUSTRIES CORPORATION (EBIC) NEW AMMONIA PLANT EL- AIN EL-SOKHNA (DSD workshop)
Job title : NDT & QC Engineer
Job Description :

- Responsible about the NDT technicians and visual inspectors.
- Applying UT and RT for special joints.
- Handover to the clients all of the work related to welding and NDT.
- Interpretation of RT films.

Dates : From Jan. 2004 till Aug. 2006
Employer : Cairo University Mechanical Lab. and Materials Engineering Office (MEO)
Job title : NDT & Inspection Engineer
Job Description :

- Responsible for visual inspection of welded spools.
- Performing UT, PT and MT tests.
- RT films interpretation.
- Witness hydrostatic tests.
- In-service (internal and external) visual inspection for tanks.
- Remaining wall thickness and the half-life calculations (pipelines, tanks and pressure vessels).
- NDT for boilers, pressure vessels, hot-taps, car bridges and steel structures.
- Ferrite number (Duplex & austenitic stainless steel).
- Painting Inspection and lining check (holiday detector) for piping and tanks.
- Witness the welder qualification tests according to (ASME IX, AWS D1.1, API 1104).

Field of experience :

- Seasoned Quality / Welding Engineer with over 15 years of experience in Oil & Gas and Petrochemicals Mega Projects.
- Participate in projects with the largest companies in the Oil & Gas and

Petrochemicals Industries in the region and the world like: Saudi Aramco, Shell, BP and Gasco UAE.

- I'm certified AWS CWI, API 570, API 510, ASNT Level II.
- CW Eng Part I & II (Passed), Part III & IV waiting results.
- SA Aramco Approved Site QC Manager SAP No. 70022339.
- Main Accountabilities:
 - Management and Quality supervision of construction activities including contractor/subcontractor resources and activities up till the end of pre-commissioning activities.
 - Create the Project WPS Matrix and Review subcontractors welding procedures, processes and documentation per the applicable codes and project spicification.
 - Experienced and familiar with international construction and in-service inspection codes such as ASME (BPV, B31.1, B31.3, B31.4 and B31.8), API (570, 510, 650, 653 and 1104) AWS D1.1.
 - Experience in welding carbon and low alloy steels, stainless steels(austenitic, duplex and superduplex), nickel based alloys and copper-nickel alloys.
 - Knowledge and practical experience of welding and cutting processes such as SMAW, FCAW, GMAW, GTAW, EGW, SAW, CAC, OFC and PAC.