Fathy Mohamed Fathy

Senior Mechanical QC Engineer

Senior Welding Inspector

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Date of birth: 07/03/1987

Military service: completed.

OBJECTIVE

Detail-oriented and results-driven Lead Mechanical QA/QC Engineer with over 15 years of experience in overseeing quality assurance and control processes in the mechanical engineering sector. Adept at developing and implementing quality management systems, conducting comprehensive audits, and ensuring compliance with industry standards such as ASME, and API. Proven ability to lead cross-functional teams, perform root cause analysis, and drive continuous improvement initiatives. Seeking to leverage my expertise and leadership skills to contribute to the excellence of my company by ensuring the highest standards of quality and efficiency.

SUMMREY OF EXPERIANCE:

- 8 years of experience in oil & gas projects.
- 4 years of experience in Power stations.
- 3 years of experience in general industries.

EXPERIENCE

1- Lead QA/ QC Engineer for AWPT **(AUG/2023 – CURRENT)**

Client: The National Water Company (NWC).

Contractor: Alkhorayef Water and Power Technologies (AWPT).

Consultant: ILF Consulting Engineering.

Job Title: Lead QA/QC Engineer

Project brief: Water Quality Improvement Project -North Distribution Network & Reservoirs - Dammam Project 2

First: Tanks fabrication and Erection.

- Receiving and inspection of incoming tanks materials and reviewing its documents.
- Monitoring WQT &WPQR and preparing certificates for welders. -Reviewing all WPSs of the project.
- Checking fit up and assembly activities for all vertical, horizontal, nozzles, manholes & accessories related to tanks such as peaking, banding, plumpness, roundness.
- Performing visual inspection for all ongoing and finished welds and also -Performing all other NDE methods and interpret the indications as per code.
- Performing and interpreting all tests related to tanks such as oil penetration test, vacuum test, dye penetration test & magnetic particles test.
- Monitoring PWHT and interpreting their charts.
- Preparing test packages and following activities related to it till releasing for test.
- Monitoring hydro tests and reviewing test packages.

Second: Ductile Pipeline.

- Receiving and inspection of incoming tanks materials and reviewing its documents.
- Monitoring trenches excavation and verifying its width and depth.
- Verifying and monitoring trench bedding.

- Monitoring and inspection of pipeline installation and preservation.
- Preparing hydro test packages and verifying all related inspection reports.
- Monitoring and witnessing pipeline hydro test and draining after test completion.
- Monitoring backfilling, compaction and asphalting.

Third: 64" pipeline activity.

- Review all documents related to the project such as WPS, ITP, and alignment sheet, welding consumables procedure, repair procedure, NDT procedure and hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR. -Field inspection of the pipeline fit up and welding with good and proper alignment.
- Monitor External coating Activities (Surface preparation, primer application & coating application) and witnessing Roughness test, DFT Reading, Holiday test & Peel test.
- Monitoring for Internal Cement Mortar Lining for all field joints and repairs for damaged surfaces.
- Checking all fabrication activity for pipeline fittings (Elbow & Tee).
- Monitoring and following up all earth works activity (Excavation, Bedding, Top of pipe and backfilling) Stages.
- Reviewing the pipeline package before releasing for hydro test.
- Witnessing and attending the hydro test and reviewing for the pressure recorder chart.

Fourth: Rotating equipment (pumps) inspection.

- Reviewing all calibration certificates for the inspection tools such as dial indicators, filler material, mechanical balance device and torque wrench.
- Inspection for all incoming equipment and reviewing the manufacturer data sheet.
- Checking the civil foundation and also anchor bolts pockets and let surveyor to check level and orientation of anchor bolts by using total station.
- Inspection for the chipping of civil base before installation. -Witnessing pump erection and adjusting level as per drawing.
- Checking the pre-alignment of suction and discharge using dial indicators and measuring coupling diameter and length.
- Checking the grouting for the anchor bolts pockets.
- Making final alignment after assembly of piping in suction and discharge flanges and erection of coupling. -Witnessing the cold run test to check vibration.

2- Safety valves and Isolation valves Inspector for TUV Rheinland Oman. **(MAR/2023 – APR/2023)**

Client: OQ (Oman Petroleum Company).
Company: TUV Rheinland Oman
Job Title: Lead QA/QC Engineer
Project brief: LPIC Shut Down March 2023
Location: Sohar / Oman.

Owner representative for the following activities:

First: Safety Valves Testing and Calibration.

- Make as found visual inspection internally and externally for the coming Safety Relief Valves.
- Witnessing and monitoring the as found initial pop test and also seat tightness leak test.
- Record the as found result and state the type of this safety valve whether it is in the acceptable tolerances, Fail to Safe, Fail to danger or stuck shut.
- Monitoring the dismantling and overhauling stage and make inspection of the internal parts such as

spring, seat, disc, Nozzles and give the required action for each part.

- Witnessing the final pop test and the seat tightness test.
- Evaluation of the calibration due time as per owner specification and reviewing all new tag plates hanged to every valve before releasing to site.

Second: Isolation Valves Testing and Calibration.

- Make as found visual inspection internally and externally for the coming Isolation Valve (gate, butterfly, ball, gate, globe and plug valves).
- Monitoring the dismantling and overhauling stage and make inspection of the internal parts.
- Witnessing and monitoring the tests for valves which are shell test, back seating test in case of gate valves, low pressure closure and high-pressure closure.
- Reviewing all new tag plates hanged to every valve before releasing to site.

3- Lead QA/ QC Engineer for DISOUCO. **(MAR/2021 – JULY/2023)**

Client: Disouq petroleum company (DISOUCO)
Contractor: Petrojet Company
Job Title: Lead QA/ QC Engineer
Project brief: 6" pipeline phase D connecting seven well heads.
Location: Kafr Elsheikh / Egypt.

First: For the 6" pipeline activity.

- Review all documents related to the project such as WPS, ITP, and alignment sheet, welding consumables procedure, repair procedure, NDT procedure and hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR. -Field inspection of the pipeline fit up and welding with good and proper alignment. -checking and witnessing all road crossings such as cranks, HDD and elastic crossing. -Interpreting all RT Films related to all welds.
- Witnessing all pigging stages for pipeline cleaning before hydro test. -Reviewing the pipeline package before releasing for hydro test.
- Witnessing and attending the hydro test and reviewing for the pressure recorder chart.

Second: For the above ground piping work for the 7 well heads:

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure and hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting.
- Field inspection for spools erection and valves and pipe supports.
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing.
- Checking the reinstatement for the packages.

4- Lead QA/ QC Engineer for ENOIA. **(JAN/2020 – FEB/2021)**

Company: ENOIA for consultant engineers.

Job Title: Lead QA/ QC Engineer

Project brief: Canal Beet Sugar Company

Location: Minia / Egypt.

TPI for the owner in this project which has a lot of inspection activity for many disciplines as follow:

First: Piping work.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure and hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting.
- Field inspection for spools erection and valves and pipe supports.
- Review the project P&ID versus piping drawings and marking for the test packages for the whole project (making test limits).
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing.
- Checking the reinstatement for the packages.

Second: Pressure vessel:

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, and hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Monitoring the cutting and rolling for the plates as per the cutting drawing.
- Inspection for the assembly of the plates and checking peaking, banding and plumpness before welding.
- Control of welding process to avoid plate distortion and visualizing all finished joints.
- Following up the PWHT done for the special material and reviewing their charts then making hardness test to check whether material become brittle or still ductile.
- Checking the orientation and level for all nozzles before opening and follow up the assembly of them.
- Checking the leak test done for all Reinforcement pads to assure that their welding is sound free from defects.
- Reviewing all inspection reports stated in ITP before releasing for hydro test.
- Reviewing the chemical analysis certificates for the water used in hydro test for the stainless steel material.
- Witnessing the hydro test done for the part.

Third: Erection of steel structure.

- Inspection of the incoming fabricated parts (columns, beams, girders and bracing) to assure that they are free from any mechanical or physical distortion or defects then making MRIR.
- Checking the civil pedestals required for the columns erection and let surveyor to check level and orientation of anchor bolts by using total station.
- Inspection for the chipping of civil base before installation.
- Checking for the parts erection orientation and place as per drawings.
- Request from surveyor to check the verticality and alignments of the steel parts before tightening.
- Review the calibration certificate for the torque wrench used for bolts tightening then following up bolt

tightening as per allowable torque and tension stated in project specification.

- Checking and witnessing columns base plate grouting.
- Release the area for further mechanical installation (equipment or piping).

5- Test Packages coordinator for GS **(June/2018 – DEC/2019)**
Company: GS for construction and engineering.
Job Title: Test Packages coordinator.
Project brief: Egyptian Refining Company (ERC).
Location: Mostorod/Cairo / Egypt.

- Controlling test packages and following activities related to it till releasing for test.
- Performing joint punching and line checking activity.
- Drawing As-built for all small-bore lines and for new site modification.
- Reviewing test packages documents and match drawings with welding summary, NDT % coverage, welders' penalties & as-built required.
- Monitoring hydro tests & pneumatic tests and reviewing test packages.
- Implementation of safety rules in all the site welding activities.
- Monitoring all NDT required for the project (PT, PMI, FT, and PWHT& HD) and reviewing all their reports.
- Following up Mechanical Completion Certificates signature activities from MC Dossier preparation up to signature.

6- Senior QA/ QC Engineer for TECHINT **(June/2018 – DEC/2019)**
Company: TECHINT for construction &industries.
Job Title: Senior QA/ QC Engineer
Project brief: Alshabab Combined Cycle Power Plant (CP-118).
Location: Ismailia / Egypt.

In this project I was responsible for piping inspection and mechanical inspection (static and rotating equipment).

First: Piping inspection.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR. -Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting.
- Field inspection for spools erection and valves and pipe supports.
- Review the project P&ID versus piping drawings and marking for the test packages for the whole project (making test limits).
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing. -Checking the reinstatement for the packages.

Second: Rotating equipment (pumps) inspection.

- Reviewing all calibration certificates for the inspection tools such as dial indicators, filler material, mechanical balance device and torque wrench.
- Inspection for all incoming equipment and reviewing the manufacturer data sheet.
- Checking the civil foundation and also anchor bolts pockets and let surveyor to check level and

orientation of anchor bolts by using total station.

- Inspection for the chipping of civil base before installation.
- Witnessing pump erection and adjusting level as per drawing.
- Checking the pre-alignment of suction and discharge using dial indicators and measuring coupling diameter and length.
- Checking the grouting for the anchor bolts pockets.
- Making final alignment after assembly of piping in suction and discharge flanges and erection of coupling.
- Witnessing the cold run test to check vibration.

Third: Static equipment Erection.

- Inspection for all incoming equipment.
- Checking the civil foundation and also anchor bolts pockets and let surveyor to check level and orientation of anchor bolts by using total station.
- Witnessing the equipment erection with the correct nozzle orientation as per drawing.
- Let surveyor to check verticality and alignment.
- Checking anchor bolt tightening.

7- Senior QC Engineer (cylindrical storage tanks) for ARESCO. **(Mar/2016 – Mar/2017)**

Client: Egyptian Refinery Company (ERC) Project.
Contractor: GS ENGINEERING & CONSTRUCTION COMPANY.
Sub-Contractor: ARESCO manufacturing & industrials projects.
Job Title: Senior QC Engineer (cylindrical storage tanks).
Project brief: Egyptian Refinery Company (ERC) Project.
Location: Mostorod / Egypt.

- Receiving and inspection of incoming tanks materials and reviewing its documents.
- Monitoring WQT &WPQR and preparing certificates for welders.
- Reviewing all WPSs of the project.
- Checking fit up and assembly activities for all vertical, horizontal, nozzles, manholes &accessories related to tanks such as peaking, banding, plumpness, roundness.
- Performing visual inspection for all ongoing and finished welds and also performing all other NDE methods and interpret the indications as per code.
- Performing and interpreting all tests related to tanks such as oil penetration test, vacuum test, dye penetration test & magnetic particles test.
- Monitoring PWHT and interpreting their charts.
- Preparing test packages and following activities related to it till releasing for test.
- Monitoring hydro tests and reviewing test packages.

8- Senior QC Engineer at ARESCO. **(July/2015 – Mar/2016)**

Company: ARESCO manufacturing & industrials projects.
Job Title: Senior QC Engineer (cylindrical storage tanks).
Project brief: ARESCO manufacturing & Plate workshop.
Location: Mostorod / Egypt.

- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing WPS and witnessing WQT and PQR.
- Checking steel structure parts and built-up section assembly and fit up and measuring sweep and camber and twist for assuring good alignment without distortion.
- Checking dimensions and bolts holes diameter and orientation as per drawings.

- Controlling all welding process such as SMAW, FCAW to minimize distortion and weld discontinuities.
- Making all inspection reports related to ITP and release parts to painting stage.

9- QC Engineer for KAHROMIKA. **(Oct/2014 – June/2015)**
Contractor: Inetic Engineering Construction.
Sub-Contractor: Misr for Electrical & Mechanical Projects (KAHROMIKA).
Job Title: QC Engineer.
Project brief: Suez Thermal Power Plant (650 MW) (CP-118).
Location: Suez / Egypt

In this project I was responsible for piping inspection, steel structure erection inspection and cylindrical tanks fabrication and erection.

First: Piping inspection.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting.
- Field inspection for spools erection and valves and pipe supports.
- Review the project P&ID versus piping drawings and marking for the test packages for the whole project (making test limits).
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing.
- Checking the reinstatement for the packages.

Second: Erection of steel structure:

- Inspection of the incoming fabricated parts (columns, beams, girders and bracing) to assure that they are free from any mechanical or physical distortion or defects then making MRIR.
- Checking the civil pedestals required for the columns erection and let surveyor to check level and orientation of anchor bolts by using total station.
- Inspection for the chipping of civil base before installation. -Checking for the parts erection orientation and place as per drawings.
- Request from surveyor to check the verticality and alignments of the steel parts before tightening.
- Review the calibration certificate for the torque wrench used for bolts tightening then following up bolt tightening as per allowable torque and tension stated in project specification.
- Checking and witnessing columns base plate grouting.
- Release the area for further mechanical installation (equipment or piping)

Third: Tanks fabrication and erection:

- Receiving and inspection of incoming tanks materials and reviewing its documents.
- Monitoring WQT &WPQR and preparing certificates for welders.
- Reviewing all WPSs of the project.
- Checking fit up and assembly activities for all vertical, horizontal, nozzles, manholes &accessories related to tanks such as peaking, banding, plumpness, roundness.
- Performing visual inspection for all ongoing and finished welds and also performing all other NDE methods and interpret the indications as per code.
- Performing and interpreting all tests related to tanks such as oil penetration test, vacuum test, dye

penetration test & magnetic particles test.

- Monitoring PWHT and interpreting their charts.
- Preparing test packages and following activities related to it till releasing for test.
- Monitoring hydro tests and reviewing test packages.

10- QC Engineer for Mariuot. **(July/2013 – Sep/2014)**
Contractor: Danieli Engineering Construction.
Sub-Contractor: Mariout Engineering Construction.
Job Title: QC Engineer.
Project brief: DRP for Ezz Steel Mills.
Location: El Ain El Sokhna / Egypt.

In this project I was responsible for piping inspection, pressure vessel fabrication and erection inspection and mechanical inspection (static and rotating equipment).

First: Piping inspection.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting.
- Field inspection for spools erection and valves and pipe supports.
- Review the project P&ID versus piping drawings and marking for the test packages for the whole project (making test limits).
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing.
- Checking the reinstatement for the packages.

Second: Pressure vessel.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Monitoring the cutting and rolling for the plates as per the cutting drawing.
- Inspection for the assembly of the plates and checking peaking, banding and plumpness before welding.
- Control of welding process to avoid plate distortion and visualizing all finished joints.
- Following up the PWHT done for the special material and reviewing their charts then making hardness test to check whether material become brittle or still ductile.
- Checking the orientation and level for all nozzles before opening and follow up the assembly of them.
- Checking the leak test done for all Reinforcement pads to assure that their welding is sound free from defects.
- Reviewing all inspection reports stated in ITP before releasing for hydro test.
- Reviewing the chemical analysis certificates for the water used in hydro test for the stainless-steel material.
- Witnessing the hydro test done for the part.

Third: Rotating equipment (pumps) inspection:

- Reviewing all calibration certificates for the inspection tools such as dial indicators, filler material, mechanical balance device and torque wrench.
- Inspection for all incoming equipment and reviewing the manufacturer data sheet.
- Checking the civil foundation and also anchor bolts pockets and let surveyor to check level and orientation of anchor bolts by using total station.
- Inspection for the chipping of civil base before installation.
- Witnessing pump erection and adjusting level as per drawing.
- Checking the pre-alignment of suction and discharge using dial indicators and measuring coupling diameter and length.
- Checking the grouting for the anchor bolts pockets.
- Making final alignment after assembly of piping in suction and discharge flanges and erection of coupling.
- Witnessing the cold run test to check vibration.

Fourth: Static equipment Erection.

- Inspection for all incoming equipment.
- Checking the civil foundation and also anchor bolts pockets and let surveyor to check level and orientation of anchor bolts by using total station.
- Witnessing the equipment erection with the correct nozzle orientation as per drawing.
- Let surveyor to check verticality and alignment.
- Checking anchor bolt tightening.

11- QC Engineer for TARGET. **(Mar/2011 – May/2013)**
Company: TARGET Mechanical Construction (U.A.E).
Job Title: QC Engineer.
Project brief: Ruwais Refinery Expansion Package#2
Location: ALRUWAIS INDUSTRIAL CITY/ ABUDHABI.

In this project I was responsible for piping inspection and steel structure erection inspection

First: Piping inspection.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, and hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting. Field inspection for spools erection and valves and pipe supports.
- Review the project P&ID versus piping drawings and marking for the test packages for the whole project (making test limits).
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing.
- Checking the reinstatement for the packages.

Second: Erection of steel structure:

- Inspection of the incoming fabricated parts (columns, beams, girders and bracing) to assure that they are free from any mechanical or physical distortion or defects then making MRIR.
- Checking the civil pedestals required for the columns erection and let surveyor to check level and

orientation of anchor bolts by using total station.

- Inspection for the chipping of civil base before installation.
- Checking for the parts erection orientation and place as per drawings.
- Request from surveyor to check the verticality and alignments of the steel parts before tightening.
- Review the calibration certificate for the torque wrench used for bolts tightening then following up bolt tightening as per allowable torque and tension stated in project specification.
- Checking and witnessing columns base plate grouting.
- Release the area for further mechanical installation (equipment or piping).

12- QA/QC Engineer for TARGET. **(Aug/2010 – Mar/2011)**
Company: TARGET Mechanical Construction (U.A.E).
Job Title: QA/QC Engineer.
Project brief: Green Diesel Project for TAKREER Oil Refinery Plant.
Location: ALRUWAIS INDUSTRIAL CITY/ ABUDHABI.

First: Piping inspection.

- Review all documents related to the project such as WPS, ITP, welding consumables procedure, repair procedure, NDT procedure, hydro test procedure.
- Monitoring PQR and WQT.
- Inspection of the incoming materials and welding electrodes and making MRIR.
- Reviewing the weld map of the piping drawings.
- Checking and inspection of piping spools fabrication and pipe supports then releasing them to painting.
- Field inspection for spools erection and valves and pipe supports.
- Review the project P&ID versus piping drawings and marking for the test packages for the whole project (making test limits).
- Making punch list for the packages and state whether it is punch A or B.
- Reviewing piping packages and check that all the documents incorporated in them then release them for hydro test.
- Monitoring and witnessing hydro test then drying and flushing.
- Checking the reinstatement for the packages.

13- QA/QC Engineer for WECO. **(Dec/2009 – Aug/2010)**
Company: Welding Examination Consulting Office (WECO)
Job Title: QA/QC Engineer.
Location: Egypt

Working as a QA/ QC Engineer and Plant Inspector for welding examination consulting office (WECO) from August 2009 until August 2010 working in many projects (piping & tanks & pressure vessel and steel structure) having great deal with codes and standards (ASME, API, AWS, ASTM) and project specifications also has a great knowledge about ITP, WPS, PQR, WQT, reviewing Material certificates, test package, carryout, evaluate and witness NDT tests).

EDUCATION

Graduation Certification	B.Sc. Of Mechanical Power Engineering.
University	Zagazig University.
year	May 2009
General Grade	Very Good with Honor (82.08%)
General Order	1st on my department.
Project Grade	Excellent.

Knowledge

- Familiar with ASME B31.3 Pressure Piping.
- Familiar with ASME B16.5 Pipe Flanges and flanged fittings.
- Familiar with ASME V Non-Destructive Examination.
- Familiar with ASME II MATERIALS.
- Familiar with API 650.
- Familiar with API 570.
- Familiar with ASME IX Welding and Brazing Qualifications.
- Familiar with ASME VIII - DIV.1 pressure vessel.
- Familiar with AWS D1.1 Structural Welding Code - Steel.

CERTIFICATES

- Certified Welding Inspector according to AWS (CWI) -Certificate NO: 17013621.
- ASNT Level II (Visual, Ultrasonic, Radio-graphic, Liquid penetrant, Magnetic particles).
- Painting course.

COMPUTER SKILLS

Excellent dealing with:

- MS Office.
- Fluent (Simulation program, CFD).
- Solid works program.
- Excellent Using Internet & Networks.

SOFT SKILLS

- Ability to work in a group or individually according to the job requirements.
- Interactive and fast enough to learn new technologies.
- Hard worker.

LANGUAGES

- Arabic (Mother tongue).
- English (Fluent spoken, Expert writing, reading and listening).