

Poorya Mafi

Profile

I am QA/QC and inspector engineer with strong technical skills. I have over 14-year experience in oil and gas and petrochemical industries. I have Master of Science degree in Mechanical Engineering. I am expertise in during manufacturing inspection and installation inspection of static equipment's. I have high ability in during manufacturing inspection and erection inspection. I have very good communication skills and believe in team work. I am expert in material incoming control, visual and dimensional inspection and destructive and nondestructive test. My desire is to work in reputable companies and use my knowledge and increase my expertise by life-time learning.

Personal Details

First Name: Poorya **Last Name:** Mafi **Nationality:** Iranian **Date of Birth:** 1987

Marital Status: Married **Language:** Persian and English **Military Service:** Exempted

Contact Address:

Address: No.4, East Golbahar, Golbang Street, Hashtgerd New City, Iran.

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Education

- **M.Sc.** in Mechanical Engineering, Applied mechanic, Islamic Azad University, Takestan, Iran,
- **B.Sc.** in Mechanical Engineering, Solid mechanic, Islamic azad university, abhar, Iran,

Qualification

- Visual Testing, ASNT Level II, Azhand Sanat, 2016
- Ultrasonic Testing, ASNT Level II, Azhand Sanat, 2016.
- WPS & PQR, According To ASME SEC.IX, Attendance in course, BKS, 2015.
- Radiographic Test Interpretation (RTI), ASNT Level II, BKS, 2015.
- Magnetic Particle Testing, ASNT Level II, BKS, 2014.
- Liquid Penetrant Testing, ASNT Level II, BKS, 2014.
- Computer ICDL Grade 1 & 2, Technical and professional organizations, 2004.

Areas of Expertise

- Expertise in during manufacturing inspection and installation inspection of static equipments.
- Painting and coating inspection.

- High ability in control of traceability.
- Visual, dimensional, destructive and nondestructive tests.
- writing ITP for manufacturing and installation of various equipment.
- During manufacturing inspection of pressure vessels and steel structure.
- During manufacturing inspection of WHRU Bundle.
- Welding of alloy and stainless steels.
- Practical knowledge in ferrite check of stainless steels.
- Holiday Test.
- Writing WPS, conducting and controlling PQR and performing welder qualification test.
- Familiar with various standards such as: ASME Section V&VIII&XI, ASME B31.8 and ASME B31.3, AWS D1.1, NACE and ASTM.
- Hydrostatic test of pressure vessels.

Employment History

- **Company:** Jondishapor Co. 2022-present
- **Location:** Tehran
- **Position:** Head of quality control & Senior of QA/QC engineer
- **Projects:**

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| ○ Gurreh-jask (pump station 4) | Owner: <i>PEDEC</i> |
| ○ Ardestan- Dehshir Gas compressor station | Owner: I.G.E.D.C |
| ○ Toos Gas Field Development Project | Owner: I.C.O.F.C |
| ○ Omidiyeh Pump Station and Oil Pipeline Project | Owner: <i>PEDEC</i> |

- **Responsibilities:**
 - Preparation of quality plan for site activity.
 - Preparation of Procedures and WPS and PQRs.
 - Review and approval of vendor related QA/QC documents such as ITP and test producers.
 - Management and attendance in PIM.
 - Management of issue and approval of NCR.
 - Inspection of projects equipment's and baulk materials.
 - Incorporation in to Management meeting, and Client Meeting.

- **Company :** Hampa Co. 2017-2022
- **Position:** Head of quality control in Parsian C2 recovery project- mohr(shiraz)

▪ **Responsibilities:**

- Preparation of quality plan for site activity.
- Preparation of Procedures and WPS and PQRs.
- Controlling and Arrange of Man powers.
- Controlling of Subcontractors work.
- Checking Subcontractors Invoices.
- Incorporation in to Management meeting, Weekly Project Meeting, and Client Meeting.

▪ **Company :** Hampa Co.

2012- 2017

▪ **Position:** Senior of QA/QC engineer

▪ **Responsibilities:**

- Review and approval of vendor related QA/QC documents such as ITP and test producers.
- Management of issue and approval of NCR.
- Audit of shop and site inspector performance
- Audit of vendor and subcontractor quality control and quality assurance system.
- Advisory of shop inspectors.
- Advisory of site inspectors.
- Inspection of static equipment's manufacturing same as pressure vessels, heat exchanger and process towers.
- Control, following up, monitoring of measurement tools calibration.
- Bulk material inspection (Bolts and nuts, Pipes, Plates, Paints, Electrodes and Armatures)
- Valves inspection.

▪ **Company:** Hampa Co.

2012-2014

▪ **Position:** QA/QC and Welding Engineer in the Zanjan Petrochemical Plant Project

▪ **Responsibilities:**

- Preparation of quality plan for site activity
- Piping and mechanical inspector
- Writing WPS
- Conducting and controlling PQR
- Performing welder qualification test
- Inspection of hydrostatic test.

- Welding inspection
- Painting and coating inspection.
- Radiography test interpretation.
- Steel structure inspection
- Inspection of static equipment's installation.

▪ **Company:** Abdal Industrial Management Co.(Mapsa),Part time 2016- 2018

▪ **Position:** Junior inspector

▪ Responsibilities:

- Inspection of metallic pipe production.
- Coating inspection.
- Dimensional and visual inspection of hydro mechanical equipment .
- Material Incoming control.

Valve Inspection