


Mukhtar Alshanqiti

Mechanical Engineer

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 Saudi Arabia

Profile

Accomplished Mechanical Engineer with a proven track record at AECOM Arabia, adept in piping design and demonstrating exceptional leadership qualities. Excelled in overseeing mechanical works to ensure compliance and quality significantly enhancing project efficiency. Skilled in Microsoft Office, with a keen analytical ability. I excel in problem-solving and delivering concise technical recommendations.

Experience

AECOM ARABIA - Mechanical Engineer

2023-Present

- NEOM Projects – NC1 High Expansion Projects (35 residential buildings with utilities and amenities and four G+3 offices buildings)
- Monitor mechanical work for conformance with the provisions of the contract documents, approved drawings, project specifications and requirements, manufacturer's recommendations, and procedures manual.
- Testing & Commissioning for mechanical Systems such as Firefighting, Irrigation, HVAC and Plumbing
- Inspect and ensure proper installations are done as per the approved shop drawings, project specifications & standards.
- Ensure that the quality of all Mechanical works carried out at the project site is as per the client's requirements and in compliance with the project quality plan (QPP) & Inspection and Test Plan (ITP)

Petro Rabigh - Intern Mechanical Engineer

2022-2022

- Two months under Field Maintenance Department at Monomer-I Plants.
- Attended daily OME meetings with deferent engineering departments.
- Worked on HOFCC, Ethane Cracker, POX, Sulfuric Acid and Alkylation Plants.

Education

Taibah University - Bachelor of Science in Mechanical Engineering

2018-2023

- 4.55 / 5 GPA (Excellent with second-class honors)
- Member of Taibah's Vehicles Manufacturing Club (VMC)
- Senior Project: Design and Manufacturing of a Solar Car Shell and Chassis (Participated in Taibah Thone competition)

Affiliations

- The American Society of Mechanical Engineers (ASME) - Registered as a Mechanical Engineer
- Saudi Council of Engineers (SCE) - Registered as a Mechanical Engineer

Courses and certificates

- Pressure Pipeline Design (AECOM University)
- Occupational Health and Safety Management – NEBOSH (NEOM)
- Welding Basics (Taibah University)
- SolidWorks Vehicle Design (Taibah University)
- Variable Air Volume Systems (Vector Solutions)
- HVAC Design Basics (Vector Solutions)
- Fire Sprinkler Drawings and Calculations (Vector Solutions)
- Fire Water Systems – Storage, Pumping & Distribution (Vector Solutions)

Skills

Technical Skills

- Computer Aided Manufacturing
- SolidWorks, MATLAB, EES and Ansys
- Fire Fighting Systems, Plumbing and HVAC systems

Soft Skills

- Leadership and team management skills
- Excellent oral and written skills (English B2 and Native Arabic)
- Problem Solving and critical thinking