

MUHAMMAD YASIR
MECHANICAL ENGINEER



RESIDENCE ADDRESS: Riyadh, Kingdom of Saudi Arabia
EXPERINCE: 5 year
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IQAMA STATUS: Transferable

CAREER SUMMARY:

As a Mechanical **Engineer** with over **5** years of experience, I possess outstanding abilities in Mechanical Engineering, along with the capability to seamlessly integrate across various disciplines and efficiently execute projects. I bring highly developed creative and analytical skills, coupled with exceptional interpersonal and management capabilities. Proficiency in software applications such as Microsoft Office, AutoCAD, Solid works to enhances my effectiveness in project execution. My expertise lies in conducting comprehensive inspections and proficiently interpreting diverse drawings encompassing Mechanical Equipment (both static and rotary), Piping, Firefighting, instrumentation, HVAC, and Structural designs. I am currently seeking a challenging position within an organization that prioritizes vision, potential for development, growth, and expansion, while upholding a steadfast commitment to high standards of performance and business ethics.

PROFESSIONAL QUALIFICATIONS:

Bachelor of Science in Mechanical Engineer

University Of Wah, Wah Cantt

Diploma in Information Technology (DIT)

The Eagle Institute Mardan

B.Sc. Mechanical Engineering Project:

Fabrication and Analysis of Four Way Catalytic Converter

PROFESSIONAL MEMBERSHIP:

Registered Engineer Reg No MECH/49305, Pakistan Engineering Council (PEC)

Certification:

- Autocad
- Microsoft office

AREA OF EXPERTISE:

- HVAC duct and pipe layout.
- FAN Coil Unit
- Chiller and Air Handling.
- Installation & Inspection of Electromechanical Equipment.
- Plumbing & Fire Fighting

WORK EXPERINCE:

Company: SUNGROW POWER Company

Position: Mechanical Engineer

Project: SEC Project Jazan

Duration: Aug 2024 up to till date

Company: SINOMA CDI Company

Position: Mechanical Site Engineer

Project: Eastern province Cement Company

Duration: Feb 2023 to July 2024

Company: SETRAA Company

Position: Mechanical Engineer

Project: King Salman Park

Duration: April 2022 to Jan 2023

Company: Khyber Tobacco Company

Position: Mechanical Engineer

Project: Khyber Tobacco Company

Duration: June 2021 to March 2022

DUTIES AND RESPONSIBILITIES: -

- Conducted inspections and testing of mechanical components, piping systems, and equipment to ensure compliance with project specifications, industry standards (ASME, API, ISO), and client requirements.
- Analyzed the fabrication work and erection activity.
- Supervised all the activities regarding fabrication work and erection.

- Developed and implemented Quality Control Plans (QCPs) and Inspection and Test Plans (ITPs) to ensure compliance with project specifications,
- Performed and witnessed non-destructive testing (NDT) methods, including UT, MT, PT, RT, and VT, to evaluate material integrity
- Monitoring the QA/QC documentation of the subcontractors and ensure that all the activity is incorporated to their system on daily basis and can be traced according to our requirement.
- Control all non-conformance reports and ensure approved corrective actions are taken.
- Checking the piping materials, grade, codes as per approved WPS and project standard specification Punch list preparation during line walk for piping spool, valves and its rotation check with respect to isometric and P&ID
- Performing quality checks on materials and equipment used in construction, including piping, HVAC systems, pumps, and other mechanical components.
- Checking all system conformed or compliance with isometric drawing and P&ID.
- Review pre-qualification documents of vendors and subcontractors.
- Review material technical submittal and its adherence to the specifications.
- Monitor material handling, storage, and preservation procedures of materials at the site.
- Participating in pre-functional checks and inspections to verify that HVAC and Fire Fighting systems are installed correctly and ready for commissioning.
- Verifying that commissioning activities comply with project schedules, budget constraints, and quality standards.
- Conducting performance testing of HVAC systems to evaluate their functionality, efficiency, and adherence to performance requirements.
- Designing the physical framework and mounting systems that hold solar panels in place, ensuring that they are stable, durable, and can withstand environmental factors like wind, snow, and seismic activity.
- Developing solutions to manage heat dissipation in solar panels and other components to maximize efficiency.
- Creating prototypes of new designs for solar modules or components, testing them, and refining based on performance
- Conducting rigorous testing on materials, components, and finished products to ensure they meet performance and safety standards.
- Testing solar panel frames and mounting systems under extreme conditions (e.g., heavy winds,

heat, moisture) to ensure longevity and reliability.

- Working with the production team to ensure solar panel components are fabricated efficiently, cost-effectively, and to the required quality standards.
- Working with the maintenance team to ensure the production of hing lid packing machine and GDX2 packing machine.
- Supervise the activity in order to ensure safe working environment

LANGUAGES: -

- English Fluent in comprehension, speaking, reading, and writing
- Arabic Basic in comprehension, speaking, reading, and writing
- Pashto Excellent in comprehension, speaking, reading, and writing
- Urdu Good in comprehension, speaking, reading, and writing

PERSONAL PARTICULAR: -

Date of Birth: 10 May,1999
Father Name: Muhammad Wasil
Nationality: Pakistan
Marital Status: Unmarried
Religion: Muslim

