

CONTACT



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Dammam, Saudi Arabia

PERSONAL INFO

Gender: Male

Nationality: Pakistani

Religion: Islam

Marital Status:

Married

Date of Birth: 15-15-1996

EDUCATION

• BE (Industrial Engineering)

Dawood University of Engineering
and Technology Karachi
(2016 – 2020)

LANGUAGES

- English: Fluent
- Urdu: Fluent
- Hindi: Fluent
- Arabic: Conversational
- Pashtu: Mother Tongue
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MUHAMMAD WALI

Industrial Engineer

As a Industrial Engineer, I am able to apply my expertise in mechanical system design, process, optimization, and lean manufacturing to enhance operational efficiency and reduce costs. I am dedicated to delivering innovative engineering solutions while ensuring compliance with safety and quality standards.

EXPERIENCE

INDUSTRIAL ENGINEER (2022 – 2024)

**Global Power Construction
Company (GPCO)**

(HVAC, Design, Firefighting, Plumbing, QA/QC, Piping,

Responsibilities:

- Design and install HVAC systems for residential, commercial, and industrial applications, ensuring optimal heating, ventilation, and air conditioning performance.
- Install and maintain fire suppression systems, including sprinklers, alarms, and extinguishers, ensuring compliance with safety standards and codes.
- Develop and install ducting systems for efficient air distribution in HVAC systems, including layout planning and material selection.
- Diagnose and resolve issues in HVAC, firefighting, and plumbing systems to minimize downtime and maintain system reliability.
- Coordinate with other trades and project teams to ensure seamless integration of HVAC, firefighting, ducting, and plumbing systems in construction projects.
- Conduct testing and balancing of HVAC and ducting systems to optimize performance, airflow, and energy efficiency.

TECHNICAL SKILLS

- MS OFFICE
- MS Word
- MS Excel
- Power Point
- PTC Creo
- AutoCAD
- MATLAB
- Lingo
- Internet Browsing & Research

OTHER SKILLS

- Technical Expertise
- Maintenance & Repair
- Project Management
- Power Generation Expertise
- Mechanical Troubleshooting
- System Optimization
- HVAC & Ducting Systems
- Plumbing Systems
- Troubleshooting & Diagnostics

EXPERIENCE CONTINUED

INDUSTRIAL ENGINEER

(2020 – 2022)

DULSCO Company Dubai

Responsibilities:

- Perform maintenance and repair of critical power plant Machinery, including turbines, generators, boilers, and cooling systems, ensuring continuous and reliable operation.
- Design mechanical systems and components such as engines, machinery, tools, and HVAC systems.
- Perform preventive and corrective maintenance on critical mechanical equipment in industrial plants, including pumps, compressors, and boilers, to ensure continuous operation.
- Diagnosed and resolved mechanical failures in plant machinery, minimizing disruption to production processes and improving equipment reliability.
- Led the installation and commissioning of mechanical equipment, such as pumps, compressors, and piping systems, in construction and plant settings.
- Design and install HVAC and ducting systems to ensure proper heating, ventilation, and air conditioning.
- Implement fire safety plans and conduct fire drills to prepare for emergencies.
- Identify and fix leaks, blockages, and other plumbing issues to ensure efficient system operation.
- Maintain detailed records of inspections, tests, and corrective actions.

• Internship (One Month)

MKB Group of Industries Peshawar,
Pakistan

• Worked as a Volunteer

IISE (Institute of Industrial and System
Engineering) Cabinet

- Achieved 15 day training workshop in (OSHA) Occupational Health and Safety Administration
- Achieved Certificate of internship as "Management of Team & Team Work in Al Moiz group of Industries."

AWARDS & ACHIEVEMENTS

- Organize 2 days national conference in industrial department UET Peshawar.
- Achieve 3 days training about (OSHA)
- Occupational Health and Safety Administration.

WORKSHOP TRAINING

- Attend 3-day workshop on health, safety & environment in Industrial department Dawood University of Engineering & Technology Karachi.
- Attend 3 days' workshop at Honda Atlas Lahore.
- Attend one day workshop on CEPEC in D UET Karachi.
- Attend one day work shop at DUET Karachi industrial department.

PROJECTS

▪ Final Year Project

Production of Lead Time By Using Lean Manufacturing Tools (OEE,5S, SMED) at Protech Package Industry.

▪ Mini Projects

How to improve sports and ground optimization in DUET Karachi.

- Feasibility study for ball point pens
- Manufacturing industry (managing project).
- Designing of 20-dimension tools practically and by Auto CAD.

REFERENCE

It will be Available on Demand.