

JUNAID HASSAN

Mechanical Engineer



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Career Highlights:

Pakistan Ordnance Factories, Wah Cantt
SENIOR QUALITY ENGINEER (APR '18 – SEP '24)

Reporting to Director Quality Assurance (DQA), I was tasked to enforce the quality assurance plans in alignment with defense and military standards, FAI, CAPA, monitor & analyze production data, overseeing incoming, in-process & final inspections, maintain QA documentation (test reports, inspection & calibration records), training of QA staff, drive continuous improvement projects to enhance the product quality and reduce the COPQ.

MATERIALS INSPECTION ENGINEER (JAN '15 – MAR '18)

Reporting to General Manager Inspection (G.M Insp), I was Responsible for inspection of all types of incoming materials, mechanical/ chemical testing, material certification review, preparation of NCR, coordination with suppliers and internal teams, inventory segregation and control, preparation of inspection reports, maintaining quality records for audits, and ensuring proper calibration and inspection equipment handling.

MANAGER PROJECT & MAINTENANCE (NOV '10 – DEC '14)

Reporting to the Head of Maintenance Department, I was responsible for preventive & predictive maintenance, project planning & execution, safety & compliance, root cause analysis for recurring equipment failure, conducting training on equipment safety, troubleshooting & best practices, Inventory management, cost control & budgeting, and liaising with other departments.

ASSISTANT MANAGER PRODUCTION (JUN '09 – OCT '10)

Reporting to the General Manager Production (G.M.), I was responsible for production planning, process monitoring, quality control & compliance, workforce management, maintenance coordination, maintaining accurate production logs, safety and regulatory compliance, and taking continuous improvement initiatives.

ABOUT ME

An experienced Mechanical Engineer Professional, having **15+ years of experience** in Manufacturing Industry.

Demonstrated Record of delivering results working in highly competitive environment.

Having **worked for 15+ years in the manufacturing sector and cross-functional teams**, I have deep knowledge of the International Market, Supplier Dealing, Client Handling, Manpower Management, Industrial specifications, and Standards.

Well-versed in Quality Assurance, Production Planning, Process optimization, Maintenance, Project Management, Risk Management, Effective Stakeholder Communication, Budgeting and Procurement, Inspection Procedures, Data Analysis, Technical Reporting, Process Layouts, etc.

Conducted multiple pre-shipment inspections internationally and at the national level. Worked with different **OEMs** in the Contracting Phase and during the Installation and Commissioning of **Plants & Machinery**.

Currently, pursuing a Master of Science in Operations Management (almost complete) at Universiti Utara Malaysia to enhance strategic capabilities, Operational Excellence, and Leadership in Industrial Settings.

Key Achievements:

- o Ensured 100% compliance with ISO 9001, 14001, and defense-specific quality standards (e.g, MIL-STD, DEF STAN, BS, etc), leading to successful audits and zero non-conformities.
- o Implemented Statistical Process Control (SPC) inspection system in manufacturing shop, resulting in measurable improvements in process capability and product reliability.
- o Developed and validated inspection procedures for precision components, enhancing product quality and reducing rework by 25% in 2023.
- o Inspected a record number of components and final products (value of 30 Mn \$), completing export order within the stipulated period.
- o Design and develop a Production Monitoring Inspection System with the IT Department for QA Inspection record and traceability, reduce document retrieval time, and instant availability of progress/statistics to the senior management.

ROLES & RESPONSIBILITIES

Pakistan Ordnance Factories – Wah Cantt, Pakistan

Apr '18 – Sep '24

Senior Quality Engineer

- Led a team of 45 quality assurance staff in overseeing all quality-related activities within the manufacturing facility.
- Conducted regular audits and inspections to verify adherence to quality standards, specifications, and industry regulations.
- Implemented statistical process control (SPC) and other quality monitoring tools to improve manufacturing processes and reduce defects.
- Worked closely with suppliers to establish and maintain quality standards for incoming materials and components.
- Managed customer complaints and returns, leading investigations, and implementing corrective actions to enhance customer satisfaction.
- Coordinated with external quality assessors and regulatory agencies to ensure compliance with all industry-specific standards and certifications.
- Conducted thorough inspections of components, sub-assemblies, and final product to ensure compliance with specifications and regulations.
- Developed and executed test plans, protocols, and test cases for new product introductions.
- Collaborated with cross-functional teams to perform failure mode and effects analysis (FMEA) and root cause analysis for quality issues.
- Trained production staff in quality control procedures and best practices.
- Contribute to developing and improving quality documentation, including standard operating procedures (SOPs), work instructions, and quality manuals.

Pakistan Ordnance Factories – Wah Cantt, Pakistan

Jan '15 – Mar '18

Materials Inspection Engineer

- Led a team of 25 quality assurance staff responsible for ensuring compliance with industry standards, regulations, and company quality policies.
- Developed, implemented, and continually improved quality control processes, procedures, and inspection protocols to enhance product quality and minimize defects.
- Inspected newly procured raw materials, components, and parts to ensure that the supplied store meets engineering drawings, specifications, and quality standards.
- Collaborated closely with suppliers, production teams, and design engineers to review and improve material specifications, quality standards, and manufacturing processes.
- Conducted regular audits and inspections of incoming materials, production processes, and finished products to identify and address quality issues, non-conformities, and deviations.
- Managed and maintained the quality management system (QMS), ensuring documentation accuracy and adherence to relevant industry standards.
- Led investigations into material defects, customer complaints, and non-conformities, implementing corrective and preventive actions to prevent recurrence.
- Provided training and guidance to the quality assurance team, fostering a quality excellence and continuous learning culture.

ROLES & RESPONSIBILITIES

Pakistan Ordnance Factories – Wah Cantt, Pakistan

Nov '10 – Dec '14

Manager Project & Maintenance

- Worked as a Project Manager and Maintenance for the modernization and up-gradation of the 12.7 mm Plant to increase the production capacity from 2.0 Mn to 4.0 Mn / Annum.
- Prepared the technical quotation for the procurement of new plant & machinery.
- Responsible for the scrutiny of all technical quotations and the preparation of queries regarding the firm's quotations.
- Pre-shipment inspection of the 12.7mm plant was carried out at the firm's premises in 2013 with other project team members.
- Responsible for FAT of all civil works according to project drawings.
- Installation & commissioning of plant & machinery were carried out with OEM engineers.
- Responsible for routine, preventive, and corrective maintenance of plant machinery, equipment, and auxiliaries.
- Review of spare parts inventory, ordering spares, carrying out parts inspection, and maintaining adequate stockpiles.
- Ensure all mechanical work is performed on time, to the relevant quality, safely, and within budget.

Pakistan Ordnance Factories – Wah Cantt, Pakistan

Jun '09 – OCT '10

Assistant Manager Production

- Production planning/scheduling for manufacturing Low Carbon High Grade Steel Shells, Gilding Metal Clad Steel (GMCS) Shells & High Carbon Steel Core / Penetrators.
- Effectively handle day-to-day production issues.
- To minimize the rejection rate during the manufacturing/production of all components compared to the permissible rejection rate.
- To ensure the Q.C (Quality Control) during inter-stage components manufacturing.

EDUCATION CREDENTIALS:

Degree	University	Year
Master of Science (MSc) Operations Management (In Progress)	Universiti Utara Malaysia	2025
Bachelor of Science (BSc) Mechanical Engineering	University of Engineering and Technology, Lahore	2008

ADDITIONAL COMPETENCIES

Pre-Shipment Inspections / Trainings Attended:

- Conducted inspection of machines and technical training at M/s Heilongjiang North Tool Co., Ltd, **China** (2013).
- Performed inspection of materials at M/s Beijing Precision Machinery Import & Export Co., Ltd, **China** (2017).
- Led the design and evaluation of a new process layout, inspection procedure, gauge schedule, and component inspection at M/s MKEK, Ankara, **Turkey** (2020).
- Executed pre-shipment inspection of materials and components at M/s BSVT, Minsk, **Belarus** (2020).
- Completed on-site training and factory acceptance testing (FAT) of the store at M/s KIDMA TECH, Minsk, **Belarus** (2021).
- Carried out inspection of finished components at M/s KIDMA TECH, Minsk, **Belarus** (2022).

Trainings/conferences Attended:

- Google Project Management Certificate, Coursera, 2025
- Complete Project Cycle Management, PPMI, Islamabad
- Effective Communication Skills – Lahore – Pakistan
- Skills in Goal Setting & Work Planning – Lahore – Pakistan
- Lean Manufacturing through 5S – Wah Cantt – Pakistan
- In-House Training on Quality Assurance – Wah Cantt – Pakistan
- Principles of Good Management – Islamabad – Pakistan
- Maintenance Management – Wah Catt – Pakistan
- Production Planning, Control & Project Management – Taxila – Pakistan
- Six-Sigma - The Breakthrough Management Strategy– Wah Catt – Pakistan
- Training on Strategic Management "Performance Improvement in Organizations" –Islamabad – Pakistan

Extracurricular Activities:

- As skipper of the cricket team, I got 1st Position in the Inter College Cricket competition at the district level.
- An avid sports person who regularly plays cricket, badminton, and swimming, and is the skipper of the QA department cricket team.

PERSONAL PROFILE

- Date of Birth: 05/10/1983
- Nationality: Pakistani
- Country of Residence: Al Hidd, Bahrain
- Marital Status: Married
- Visa Status: Family Visa
- Bahrain Driving License: Valid Bahrain driving license holder

REFERENCES

To be furnished upon request