

MUHAMMAD SAAD

INDUSTRIAL & MANUFACTURING ENGINEER

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OBJECTIVE

Highly professional & goal oriented industrial engineer aim to optimize the overall processes of supply chain and improve production/product quality by using the process improvement tools and techniques of lean six sigma and total quality management.

EDUCATION

2019 – 2021

Dawood University of Engineering and Technology, Karachi.

Masters of Science – Industrial Engineering and Management

Specialization: Project Management

CGPA: 3.60

Main Subjects:

- Project Management
- Total Quality Management
- Project Risk Management
- Business strategy & Competitive
- Human Resource Management
- Project Quality Management

2013 – 2018

NED University of Engineering and Technology, Karachi

Bachelors of Engineering – Industrial and Manufacturing Engineering

CGPA: 2.41

Main Subjects:

- Operation Research
- Economics
- Health Safety & Environment
- Business Communication
- Manufacturing Engineering Process
- Plant Engineering

EXPERIENCE

Senior Executive Officer • Quality System & Assurance • Feroze1888 Mills Limited (Oct'21 – Present)

- Perform Risk Assessment of the process to ensure that all concurrent & dormant hazards are reduced.
- Provide liaisoning to the existing and new customer regarding the industry process and products.
- Develop Manufacturing Control Plan and FMEA of the product to reduce nonconformity severity.
- Ensure the best customer experience with the product for which analyze consumer feedback and identify the improvement opportunities
- Conduct RCA/CAP against the customer complain to ensure that the best practices are carried out to improve the business.
- Initiate cost saving lean six sigma projects.
- Conduct product audits of First Batch Production before the External Inspections

Quality Developer • Quality Compliance • Mustaqim Dyeing & Printing Industries (Jan'20 – Oct'21)

- Ensure all the legal Chemical and Physical compliance are met for which external testing are initiated, test reports results are analyzed and upload in IKEA global Connect system.
- Conduct product audits on random basis to ensure that correct product specifications and compliances are followed
- Analyze Production KPIs, Quality KPIs and Consumer/Customer Feedbacks.
- Investigate the non-conformance and develop RCA using 8D analysis and improve quality levels by training the staff on corrective actions.
- Ensure that IWAY Quality and Social Compliance are followed in the industry.

Quality Process Engineer • Quality Assurance • Kam International (Mar'18 – July'19)

- Develop Manufacturing Control Plan for all process
- Restructured the production process flows and revised the SOPs, WI and Quality Manual of the Industry.
- Implemented the Lean Manufacturing Methodology.
- Established a SPC dashboard for Quality Assurance Internal KPIs & External KPIs monitoring.
- Perform root cause analysis and provide trainings to the Quality/Production Staff.
- Provide training on Quality Management System, Health & Fire Safety and Conduct internal audits.
- Assist Managers during Quality and Social Audits conduct by Third Party Auditors.

PUBLICATIONS

2021 – Research Paper

“Reduction Of Non-Conforming Through Statistical Process Control Charts in Textile Industry”

Industria Textila Journal

(Accepted and will be published in May'22)

2021 – Research Paper

“Implementation of Value Stream Mapping in the Textile Industry”

International Journal of Scientific & Technology Research

volume 10, issue 05, may 2021”

2021 – Master’s Thesis

“Reduction Of Non-Conformance Production Quality Through Process Control Charts in Textile Industry”

CERTIFICATIONS

Certified Quality Assurance Professional

Issuer: Pakistan Institute of Quality Control

- ISO 9001- Quality Management System
- ISO 17025- Metrology & Testing
- Project Management & Leadership
- Supplier Quality Assurance

Six Sigma Yellow Belt

Issuer: NEDUET & AnsyTech

- Lean Six Sigma
- Process Variation & types of Variation
- DMAIC cycle
- Analysis Software- Minitab

SKILLS

- Process Improvement
- Root Cause Analysis
- Data Analysis
- Problem Solving
- Business Presentation
- MS Office (Word, Excel, PowerPoint, Visio)
- MS Project
- SPSS, Mini Tab

LANGUAGES

English

- Speaking
- Writing
- Listening

Urdu

- Speaking
- Writing
- Listening