MOHSIN IQBAL ZAFAR INDUSTRIAL Engineer

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PERSONAL DETAILS

Father Name: Muhammad Zafar	Tel No. (other): +973-33832536
Date of Birth: 5th Feb, 1993	Current Residence: Hajiyaat , Riffa- Kingdom of Bahrain
CPR #: 930212886	Permanent Address: Chak Hashim Haraj P/O Abdul Hakim
Driving license: Valid (Bahrain)	Tehsil Kabirwala District Khanewal, Punjab Pakistan

CAREER OBJECTIVE

A challenging and illustrious career in a competitive environment where I can practically apply and enhance my leadership, management and technical skills acquired by my education to the company's benefit and my own satisfaction.

QUALIFICATION

- **Bachelor in Industrial Engineering from** **CGPA– 3.06**
  University of Engineering and Technology (UET), Taxila Pakistan (2010-2014)

- **Intermediate (Pre. Engineering 2008-2010) from** **1st Division**
  Federal Board of Intermediate and Secondary Education, Islamabad

- **Matriculation (2006-2008) from** **1st Division**
  Federal Board of Intermediate and Secondary Education, Islamabad

Major Courses

Engineering Management	Production Planning and Control
Computer Integrated Manufacturing	Human Resource Management
Manufacturing Process	Operations of Manufacturing Systems
Industrial Safety and maintenance	Machine Design
Work Study and Methods Engineering	Quality Control
Automation and Control	Manufacturing Simulation

Professional Certifications/courses:

- **Lean Six Sigma Green Belt (Training Completed) from**
  Simplilearn Accredited by IASSC (International Association for Six Sigma Certification)-Verification link

- **Lean Six Sigma Black Belt (Training Completed) from**
  Simplilearn Accredited by IASSC (International Association for Six Sigma Certification)-Verification link

- **Lean Management**
  Training provided by Simplilearn. Verification link

- **Minitab Software (Statistical Process Control)**
  Training provided by Simplilearn. Verification link

EXPERIENCE AND PROJECTS

- **Working as an Industrial Engineer in Industrial Engineering Department, WestPoint Home (Bahrain) W.L.L**
  (2017- Present)

  - **Roles and Responsibilities:**

As a key member of the manufacturing team, my responsibilities include conducting time and motion studies for new product development, creating operation bulletins for line balancing, and arranging and maintaining daily Obeya meetings with top leadership to discuss safety, manufacturing, sales and quality KPIs.

Additionally, I collaborate with the PD, production, and quality teams to create and discuss Failure Mode and Effect Analysis (FMEA) for new products, and conduct daily GEMBA walks on the production floor with the production team to identify risks and opportunities.

To automate processes and improve productivity, I leverage the power platform (Power Apps, Power Automate, Power BI, and MS Forms) to develop mobile and web applications. I analyze data using Microsoft Power BI to

visualize and identify trends of Maintenance, sales, stores, quality and production data to find opportunities for improvement.

Additionally, I create and implement process flow charts and work instructions to standardize processes, participate in cost-saving projects using PDCA approach (A3 problem-solving tool), and monitor corrective and preventive action processes using various problem-solving tools such as 5WHY, Fishbone diagram, Fault tree analysis, and Pareto charts.

I am responsible for coaching and training teams on Lean Manufacturing tools such as 5S, 7 Wastes, Kaizen, SMED, Value stream mapping (VSM), FIFO, Kanban, and A3 Thinking Process techniques.

I also coach and implement an integrated management system (ISO 9001:2015, ISO 14001:2015, ISO 45001) with the quality and HSE team and coordinate with external customers or third-party audits. I ensure compliance with ISO and WPHB procedure requirements, control document training and implementation, and arrange and conduct Management Review meetings as per ISO standards and WPHB procedures requirements.

Finally, I lead weekly Manufacturing Excellence Obeya meetings to discuss quality issues and improvement projects with the team, and take on other special assignments from the Director of Manufacturing.

- ✛ Worked as an **IE-Engineer** in Industrial Engineering Department, **Sadaqat Limited, Pakistan**
  (2015 - 2017)

- • **Responsibilities:**
  - o To Control Production Loss minutes, Calculate daily machines Utilization & Efficiency.
  - o Time & Motion Study of new Product to calculate SAM and make Operation Breakdown Bulletin for line balancing.
  - o Coaching and implementation of Lean tools like 5S, 7 Wastes, Kaizen, SMED,
  - o To give production targets to the Operators, Folders, Turners and Calculate their Efficiencies.
  - o To conduct meetings with Production Managers related production issues.
  - o To conduct Hiring test and give Training to Quality & Production teams.
  - o To study and discuss Automated Sewing M/C (**Texpa**) related issue with Top management and take corrective action to fix these issues.
  - o Worked on SMART MRT Hanger System Process Layouts and follow up problems and get solutions from Singapore Technician
  - o To Study and discuss Automated Cutting M/C (**Hauser Parker**) related issue with Top management and take corrective action to fix these issues.
  - o Work on Facility Layouts for Folding, Cutting, Stitching, Packing and Warehouse using MS Visio.

MISCELLANEOUS SKILLS

✛ **Management Software:**	- *Primavera P6 (Basic),*
✛ **Lingual Skills:**	- **English, Urdu, Punjabi**
✛ **Operating Systems:**	- **MS Windows XP, Vista, Windows 7,8,8.1,10**
✛ **Technical Report and Letter writing:**	- **MS Word**
✛ **Presentation**	- **MS Power Point**
✛ **Engineering Software:**	- **Power Apps, AutoCAD 2013, Solid Edge, Crystal Ball, POM, MS Visio**
✛ **Analysis and Simulation Packages:**	- **MS Power BI, MS Excel, CNC Simulator Pro, Robo Cell for Controller, Minitab, Design Expert 8, Arena 10**
✛ **Online Meeting tools**	- **MS Teams, Zoom meeting**

REFERENCES

- ✛ **Shall be furnished on demand.**