

Mohsin Shamshad

[Industrial & Manufacturing Engineering /Faculty of Mechanical Engineering]

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Current Address: Tehsil Zafarwal, District Narowal, Punjab



OBJECTIVE:

To have a growth oriented and challenging career, so I can contribute my knowledge & skills to your organization for boosting up the growth and enable it to compete in the market and enhance my experience through continuous learning and teamwork.

ACADEMIC QUALIFICATION:

Degree	Institute	%age/CGPA	Duration
Graduation	University of Engineering & Technology Lahore	3.11	2013-2017
Intermediate	Govt. Degree College, Shakargarh (Gujranwala board)	81%	2011-2013
Matriculation	Govt. high school, Lessar kalan (Gujranwala Board)	89%	2009-2011

EXPERIENCES:

Industrial Engineer at Anwar Khawaja Sports & Garments Industries Sialkot.

(15/08/2017-Todate)

The scope of my job is about Lean Production, Capacities calculation, Production planning, Time studies and Efficiencies calculations. Some of the achievements are:

- Improved Individual Productivity by **55%**
- Implemented 1st (**Sort**), 2nd (**Sequence**) and 3rd (**Shine**) of 6S Program
- Implemented **12 Kaizens** successfully
- Partially shifted trend of maintenance from breakdown to preventive
- Calculated production capacities of **6 Departments**
- Calculated **Lead Time**
- Re-engineering of material consumption formulas for a number of materials to reduce wastages
- **Process mapping** to improve the processes efficiencies
- Improved quality through arranging technical trainings and Data analysis (**Pareto Analysis**)
- Conducted trainings on supervisors JD's, Lead Time and changeover time

Internship at DG Cement Kallar Kahar

(4 Week Internship, 2016)

I learnt a lot of things about production plant, effective plant layout. It was best experience to get extensive practical knowledge about Automation and Plant Management of my life.

Internship at Atlas Honda Limited

(4 Week Internship, 2015)

One-month internship based upon rotation through different Departments/Shops including Quality Assurance, Maintenance, Manufacturing Plant, Assembly Plant, Casting Plant and Supply Chain.

FINAL YEAR PROJECT:

“Design and Fabrication of an Aircraft using economically suitable materials”

- Feasibility and strength analysis of different materials for wings, aileron, tail and propeller.
- Learned implementation of different manufacturing and machining processes.
- Developed a 3D design of aircraft on software.

SEMESTER PROJECTS:

- Casted aluminum crank shaft by sand casting method and eliminated casting defects.
- Heat treated steel and cast iron and performed Rockwell hardness test.
- Constructed flow charts and man machine charts to reduce working time, to improve layout and working movements of worker working on machine.
- Applied mesh analysis to trusses and 3D parts, on Abacus 6.13 software.
- Performed tensile strength & other destructive Tests on steel, brass & aluminum using UTM.
- Observed different types of Production (Job, Batch, Mass) at Jhodala Complex Gujranwala.
- Operator safety analysis at Service shoes Gujrat.

INDUSTRY VISITS:

- Visited Heavy Industries Texila (HIT) repair and maintenance department.
- Heavy Mechanical Complex Texila (HMC) visualized Casting & Fabrication.
- Golden pumps oversaw sand casting procedure & techniques.
- A-A spinning mill Faisalabad & Other local engineering industries of Gujranwala

SOFTWARE SKILLS:

MS-Word, Excel, PPT	SAP Production Module
VISIO	Abacus
Solid Works	Minitab
Auto Cad	Matlab
C++	Primavera

INTERPERSONAL SKILLS:

- Good Communicator
- Believe in Team work
- Committed
- Highly positive attitude toward work
- Can make and Execute my plan accordingly

AREA OF INTEREST:

- Manufacturing process
- Lean Production
- Inspection
- Quality control
- Work Study
- Safety
- Management

REFERENCE:

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