



Hasan – Bin – Shad

Process Development Engineer

B.Sc. ENG. in Industrial & Production Engineering

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Career Objective

I want to establish a successful career as an efficient and highly skilled Industrial Engineer in the professional field of manufacturing, supply chain and LEAN. I look forward to working in an organization where the company will get benefit from my continuously increasing experience, knowledge and creativity as well as I can continuously learn new things and upgrade my skills through work experience, trainings and other opportunities.

Experience Details

Assistant Director | System Development & Space Management | Walton Hi-Tech Industries Ltd. | (May 4, 2019 – till date)

Achievements:

- ✓ Increasing the productivity (from 181 pcs/hour to 381 pcs/hour) of blender's bush casing assembling process by mechanizing the insertion process using a pneumatic press machine.
- ✓ Savings in production incentive cost by 60,000 BDT/month on average by setting up new production target based on production analysis and capacity study (continuous process).
- ✓ Permanently 1 m/p reduction from Oven assembly line by installing a fixture for carton making process.
- ✓ Permanently 1 m/p reduction from Rice-Cooker assembly line using work-study methods.
- ✓ Permanently 1 m/p reduction from washing machine assembly line by installing a fixture at PCB and housing attaching process to motor.
- ✓ Increase in productivity of Ceiling fan's top and bottom part balance checking process by 12pcs/hour by modifying the electrical connection between the balancing plates and drilling machine.
- ✓ Operating cost savings for battery production section by 30,000 BDT/month after reviewing the m/p requirement and eliminating extra m/p requirements.

Key Responsibilities:

- ✓ Monitoring, analysis and development of production system based on capacity study, motion analysis, layout modification, and process engineering.
- ✓ Maintaining/updating/setting up new Incentive scheme for operational departments to reward the targeted performance keeping the costs within limit.
- ✓ Reviewing and verifying the accuracy of manpower requirement and give proper guideline on recruitment amount.
- ✓ Any other responsibility given by the board of management outside the regular activities.

Management Trainee Officer | Lean Manufacturing & Process Improvement | Talisman Ltd., FCI Group | (January 16, 2018 – April 28, 2019)

Achievements:

- ✓ Increasing the earned compensation from fabric suppliers by 5 times for each excess inspection by redesigning the claiming method in conformance with international norm (\$0.1 per yards).
- ✓ Successful trainer having more than 100 hours on conducting training sessions (headcount is over 500 people)

Key responsibilities:

- ✓ Coordinating and driving the LEAN Projects such as – 5S, Quick Changeover & SMED, KAIZEN, Standardized Work (STW), ANDON, ISQ etc. with Toyota consultants for production and quality improvement.
- ✓ Conducting Training & Evaluation Program on LEAN Manufacturing & TPS principles on quarterly basis.

Computer and Software Skills

- Microsoft Office (Word, Excel, Powerpoint etc.)
- Microsoft Visio
- SolidWorks.
- Edraw-Max

Language proficiency

- Bengali (Mother language)
- English (Reading - High, Writing - High, Speaking - High)

Soft Skills

- Quick learner & hard worker.
- Coordination and people management.
- Effective presentation and communication skills
- Leadership capability
- Ability to work under pressure
- Strong analytical skill
- A good Team-player

Extra-Curricular Activities


- Member of Sports Committee, Lalan Shah Hall (2014-2015, 2015-2016).
- Dining manager, Lalan Shah Hall (November 2016).
- Member of decoration committee of IPE Carnival, 2016, KUET.
- Anchoring the opening ceremony of IPE Carnival 2016.
- Backstage organizer in IPE Night 2015 & 2016.
- Member of Sports committee, IEM Association (2013-2014).

Education	B. Sc. Eng. in Industrial & Production Engineering 2013-2017 Dept. of Industrial Engineering and Management (IEM) Khulna University of Engineering & Technology (KUET) CGPA – 3.41 out of 4.00 Key Courses: <ul style="list-style-type: none"> Logistics and Supply Chain Management Production Systems Design Operations Management Operations Research Human Factor Engineering and Safety Management CAM and Robotics Industrial Management & Entrepreneurship Development Industrial Law Computer Integrated Manufacturing Marketing Management
	Higher Secondary Certificate 2012 Science Notre Dame College GPA - 5.00 out of 5.00
	Secondary School Certificate 2010 Science Government Laboratory High School, Dhaka. GPA – 5.00 out of 5.00

Certification & Personal Achievements	<ul style="list-style-type: none"> Certification on successful completion of Industrial training on “Garment Technology & Lean Manufacturing” from BKMEA. Certification on participation in 2nd and 3rd workshop on “Advanced Engineering Management – An Industrial Engineering Approach” from IEM dept. KUET. Certification for membership in Sports Committee (2015-2016), Lalan Shah Hall, KUET. Achieving Perfect Attendance Certificate (100%) from Notre Dame College. Achieving Board Scholarship from Dhaka board in HSC 2012 in General Category.
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Thesis and Research	“Reduction of Lead Time in Leather Industries using Value Stream Mapping; A case study approach” The goal was to identify the seven types of wastes in Lean at the industry and provide suggestions to reduce the wastages resulting in decreased lead-time. Duration: November 2016 – May 2017.
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References	Dr. Md. Rafiquzzaman Assistant Professor Department of Industrial Engineering & Management Khulna University of Engineering & Technology Mobile: +8801790847464 Email: rafiqbtr@yahoo.com	Md. Kaosar Rahman Process Engineer NDE Steel Structures Ltd. House 10, Road 90, Gulshan 2, Dhaka – 1212. Mobile: +8801712232911 Email: kaosar_rahman@yahoo.com

Declaration of Authenticity	I do hereby declare that all information presented above is true to my knowledge. If required and wherever applicable, this information can be supported by appropriate witness or documents.	
	Signature	
	Date	12- 01 – 2021