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Industrial Engineer Co-Op

Reviews

We are looking for a student with a background in industrial engineering to come in and perform time studies on each operation throughout our warehouse to maximize effectiveness and minimize costs. This position will be full-time, temporary, and unpaid.

Co-op Responsibilities:

- Obtains knowledge of department and its operations.
- Coordinate quality control objectives and activities to resolve production problems, maximize product reliability, and minimize cost
- Utilizes computer software to complete reports and spreadsheets.
- Analyze statistical data and product specifications to determine standards and establish quality and reliability objectives of finished product.
- Creates work procedures
- Schedule deliveries based on production forecasts, material substitutions, storage and handling facilities, and maintenance requirements.
- Regulate and alter workflow schedules according to established manufacturing sequences and lead times to expedite production operations.
- Recommend methods for improving utilization of personnel, material, and utilities.
- Performs other duties assigned by supervisor.

Requirements and Qualifications:

- Candidates must be enrolled at an accredited college or university in an IPE degree program.
- Knowledge of Industrial Engineering
- Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- Effective statistical analysis skills
- Effective research skills
- Excellent oral and written communication skills.
- High attention to detail and accuracy of information.
- Computer proficiency in MS Word, Excel, PowerPoint and the ability to learn other programs used by various ASF departments.
- Training in workplace organization (Green Belt or Black Belt) preferred
- 2-3 years of experience preferred but not required

INDUSTRIAL ENGINEER (ENTRY LEVEL)

Business Unit:

"A". Integration of functional Industrial Engineering solutions for execution of a production for assembly and coating application operations by analyzing and developing production plans and monitoring production health metrics. Primary roles and responsibilities include: schedule development and mitigation planning, constraint management applications, crew plan development, product flow and shop floor optimization, labor hour forecasting, critical path analysis, capacity analysis, staffing analysis and process improvement initiatives.

Desired Skills:

-Experience with Assembly EVMS Processes.

- Experience Working with Business Objects (BO) and Enterprise Data Warehouse (EDW).
- Experience with Analytical and Project Planning Tools and Software, including MS Office suite of tools.
- White Belt/SSYB/PDCA Certification.

BASIC QUALIFICATIONS:

- Bachelors degree from an accredited college in a related discipline
- Experience Developing Production plans.
- Experience with Forecasting Methods (Learning Curves, Parametric Estimates).
- Experience with Statistical Analysis (Regression Analysis).
- Experience with Database Operations (Python Programming, Data Mining, SQL Statements).

JOB CATEGORY: Experienced Professional

BUSINESS UNIT: AERONAUTICS COMPANY

RELOCATION AVAILABLE: Possible

CAREER AREA: Manufacturing

SHIFT: First

Junior Officer, Industrial Engineering

Leatherware Mfy (BD) Ltd

Vacancy

02

Job Context

Leatherware Mfy (BD) Ltd, 100% Export Oriented Enterprise, offering job opportunity for the deserving candidates for the position of Junior Officer, Industrial Engineering.

Job Responsibilities

Apply statistical methods and perform mathematical calculations to determine manufacturing processes, staff requirements, and production standards.

Coordinate quality control objectives and activities to resolve production problems, maximize product reliability, and minimize cost.

Draft and design layout of equipment, materials, and workspace to illustrate maximum efficiency.

Review production schedules, engineering specifications, orders, and related information to obtain knowledge of manufacturing methods, procedures, and activities.

Communicate with management and user personnel to develop production and design standards.

Employment Status

Full-time

Educational Requirements

Bachelor in Engineering (BEngg) in IPE

Must be a graduate from any recognized university in Bangladesh.

Experience Requirements

At least 2 year(s)

The applicants should have experience in the following area(s): Operation, Production, Quality

The applicants should have experience in the following business area(s):

Manufacturing (FMCG), Manufacturing (Light Engineering & Heavy Industry)

Additional Requirements

Age 26 to 35 years

The applicant must practical knowledge and experience of Industrial Engineering in Leather Goods manufacturing company

Must have will to put best effort to the Industrial Engineering team of the factory.

Job Location

Nilphamari

Salary

Negotiable

Compensation & Other Benefits

Profit share, Provident fund, Mobile bill

Salary Review: Yearly

Festival Bonus: 2(Yearly)

As per BEPZA rules and company policy

GM (Industrial Engineering)

We currently are seeking a dynamic, strategic, and innovative Industrial & Production Engineer

Job Responsibilities

- Review production schedules, engineering specifications, process flows, and other information to understand methods and activities in manufacturing
- Develop systems of manufacturing garments products with maximum efficiency
- Thorough understanding of MTM-2 PMTS based operations bulletin
- Develop management control systems to make financial planning and cost analysis of production lines more efficient
- Implement the best practices of Six Sigma, 5S and Lean Management into the factory culture
- Work with customers and management to develop standards for design and production
- Design control systems to coordinate activities and production planning with production floor management and line staff
- Developing and managing a strategic planning framework by driving an effective and efficient planning cycle
- Select processes for the orders, removal of extra processes to reduce cost of production
- Building relationship with Merchandising department, Production people, Supply chain & other concerned department for smooth operation
- Ensure the accurate & optimal capacity planning, while ensuring cost reduction & increased profitability

Employment Status

Full-time

Educational Requirements

- Bachelor in Engineering (BEngg) in IPE from a reputable university
- Must have professional training in Lean Management (Preferably overseas training)

Experience Requirements

- The applicants should have experience in the following area(s): Engineering, Operation, Production, R & D

Industrial Engineer

Position Core Role:

Position will serve as an Industrial/ Systems Engineer and Data Analyst/Data Administrator for the optimization of Materials Handling systems and data output. Ensures quality products for data accuracy and Bill of Material management. Continues to develop analytic tools and indicators for operations and business tool utilization.

Essential Function and Responsibilities:

- Develop and sustain methods used to extract data from various delivery systems to provide analytical tools to support needs of Material Service
- Serve as the technical expert for individual issues and a Liaison between Operations and Information Technology (IT)
- Utilize Apply internal supply chain Process Engineering skills to data flows
- Develop sustainable method to proactively identify system problems
- Develop comprehensive reporting image and trend analysis data
- Support development of simulation modeling data requirements
- Enhance and develop sustainable method of designing analytics for predictive reporting

Daily Tasks:

- Management of bill of material data and updates through systems
- Ensure strong understanding of data change requirements and timing deadlines for data transfers.
- Ensure quality product with built in audit and data confirmation
- Interaction and problem solving with Operations team (Contracted Logistics Company)
- Daily and weekly team meetings

Required Knowledge, Skills, and Abilities (KSA's):

- Intermediate-Advanced Database Query Capabilities – ability to read and write SQL / conduct joins / develop procedures
- Advanced Proficiency in Microsoft Excel – Vlookup and Formulas, Concept of a Unique Key
- Intermediate understanding of Logic/Code
- Intermediate-Advanced understanding of Lean and Just-In-Time Delivery
- Basic AutoCAD navigation skills
- Intermediate VBA/Macro development Skills
- Intermediate experience with Data Visualization software such as Tableau

Required Experience (Type and Length of Time):

0-4 Years of relevant experience, based on education

Minimum 3 months of internship experience is required

Education Requirements (Degree):

Bachelor's Degree in Industrial Engineering with a focus on Computer Science;

IE

Job Responsibilities

Optimum utilization of man, machine, material & space.

Process standardization & unnecessary process elimination. Waste reduction & estimating consumption.

Implementation of IE tools & techniques to improve the cost effectiveness of the factory.

Prepared layouts for equipment or system arrangements and space allocation based on standard minute Value (SMV) to achieve maximum efficiency.

Reduction of 7 types of waste through saving material consumption, method study, motion study & eliminating excess processing.

Worked on improving product quality through analyzing processes using cause effect diagram & pare to analysis.

Prepared & implemented Standard Operating procedure (SOP) for most frequent processes & trained operators as per SOP.

Worked on improving system efficiency using IE tools & techniques & reduced over time.

Developed the flow of material & information using just in time (JIT) methodology.

Apply statically methods and perform mathematical calculations to Audit / Check manufacturing process, staff requirements and production standards.

Employment Status

Full-time

Educational Requirements

Bachelor of Science (BSc) in IPE from any reputed university.

The applicants should have experience in the following area(s):

Production Management (Sewing), Work Study, Planning.

Sr. CAD Engineer

Vacancy

03

Job Responsibilities

3D Modeling and 2D Drafting using CAD Software

Preparation of Technical Documentations

Design and Development of Mechanical Parts and Assembly

Employment Status

Full-time

Educational Requirements

B.Sc in Industrial and Production Engineering/ Mechanical Engineering/ Mechatronics from any reputed university.

Ability in 3D Modeling, Conversion and 2D detailing using Mechanical Design Tools.

Ability to understand Project Processes and Client Requirements.

Good communication and interpersonal skills.

Fluency in English.

Knowledge on Catia, SolidWorks or AutoCAD is required

Knowledge on any programming language (e.g- .NET/JAVA/Python) will be an added value.

Production Engineering graduate

We currently are seeking a dynamic, strategic, and innovative IP Engineer. This key position will be based in our manufacturing facility.

Position Summary:

Provides industrial engineering support for continuous improvement, cost reduction, and improved quality via improved understanding of loss. Leads target rate and financial standard setting process for manufacturing and/or packaging lines. Leads or supports the process of educating others on findings via reporting development and data capture. Establishes baseline information for machine and labor performance metrics that support financial, planning and operational control systems.

Responsibilities:

- Establishes and maintains labor standards through work measurement, work simplification, methods engineering and analysis of statistical data.
- Evaluates and establishes ideal equipment speed settings and standards for run-speeds and changeover times as an input to scheduling methods, performance metrics and financial standards. Performs bottleneck analysis to identify increased throughput opportunities.
- Identifies value-added and non value-added activities through accepted Industrial Engineering techniques.
- Analyzes the workplace for both efficient and inefficient work activities. Identifies and facilitates potential cost reduction projects. Recommends essential equipment needed.
- Applies project management skills within the site to ensure assigned projects are delivered on time, in budget and achieving desired results.
- Manages and conducts employee training for productivity improvement projects.
- Must have communication skill in both English & Bengal.

Minimum Qualifications:

Education:

A four-year college degree in IPE or its equivalent in Engineering or Scientific discipline is required.

Certification:

American Society for Quality (ASQ) Certified Quality Engineer preferred.
Six Sigma green or yellow belt preferred.

Experience:

Minimum 0-5 years of experience in a manufacturing, healthcare, laboratory or supply chain environment

Minimum of 0-3 years of experience in Industrial Engineering activities or disciplines requiring regular application of process improvement and observational study methodology

Knowledge/Skills/Abilities: Requires:

- Requires good oral and written communication skills
- Working knowledge of ERP systems, preferably JDE
- Strong financial acumen & ability to translate observation into supported financial business case recommendations
- Must be able to work cross-functionally and to coordinate and prioritize multiple assignments
- Proficiency in Microsoft Excel including statistical formulation, data analysis and reporting.
- Exposure to statistical Software (Minitab), Office Suite (Word, PowerPoint, Visio, etc) and Databases (SQL Server or Access)

Industrial & Production Engineer

Basic Requirements:

Currently enrolled in a four-year Industrial Engineering program
Computer knowledge preferred (Word, Excel, and Access)
Strong organizational skills
Strong verbal and written communication skills
Communicate professionally and effectively with ambassadors and guests
Strong analytical, critical thinking, and decision making skills
Position primarily consists of field data collection tasks requiring the ability to stand and walk for extended periods of time
Must be able to lift, push, pull and/or carry loads up to 35 lbs. on occasional basis
Ability to climb heights of up to 6 feet
Must be able to work indoors and outdoors, in varying Florida weather, to include extreme heat.
Position may be exposed to fumes, dust, odors and cold/heat temperature extremes
Must have communication skill in both English & Bengali.

Job Responsibilities:

Work in a team environment and interact with others in a professional manner
Conduct Industrial Engineering analysis projects, particularly in operational planning support, workload planning and forecasting
Analyze capacity utilization and productivity
Identify process improvements
Apply methodology, measurements, tools and quantitative techniques to the project
Collect data, create simulations, and process flow analysis
Participate in team efforts which require interfacing with all levels of supervision and leadership
Assist with the implementation of process and design
Time and motion studies
Data management
Presentation to senior leadership
Perform all other duties assigned

Improve systematic processes through the use of statistical analysis, design, planning, quality control, computer simulation, process documentation and problem solving.

Manufacturing Engineer (Fresh)

Basic Requirements:

Currently enrolled in a four-year Industrial Engineering program
Computer knowledge preferred (Word, Excel, and Access)

Job Responsibilities:

Work in a team environment and interact with others in a professional manner
Conduct Industrial Engineering analysis projects, particularly in operational planning support, workload planning and forecasting
Analyze capacity utilization and productivity
Identify process improvements
Apply methodology, measurements, tools and quantitative techniques to the project
Collect data, create simulations, and process flow analysis
Participate in team efforts which require interfacing with all levels of supervision and leadership
Assist with the implementation of process and design
Time and motion studies
Data management
Presentation to senior leadership
Perform all other duties assigned

- ☑ Proficiency with Excel, SQL and Visio
 - ☑ Proficiency with Industrial Engineering tools and techniques
 - ☑ Strategic thought leadership and execution skills
 - ☑ Strong negotiation skills and good relationships with technical people and senior management
 - ☑ Demonstrated "Growth Mindset" with a passion for innovative thinking
 - ☑ Excellent written/verbal communication skills
 - ☑ Ability to thrive in a dynamic and fast-paced environment
 - ☑ Experience with Tableau preferred
- Improve systematic processes through the use of statistical analysis, design, planning, quality control, computer simulation, process documentation and problem solving.

Production Engineering

Job Responsibilities

Plan implement and control production schedule as per the demand.

Manage human and material resources to meet production targets.

Manage and evaluate machine resources to ensure productivity to meet daily production target.

To establish workflow policies that enhances speed and efficiency without compromising product safety or integrity.

To ensure all employees follow industry standard health and safety guidelines.

Strive to reduce expenses and increase productivity across all product lines.

Set ambitious production goals and communicate them to key personnel.

To provide motivation, support and guidance to all employees.

To communicate any problems or obstacles to senior management.

Employment Status

Full-time

Experience Requirements

At least 2 year(s)

Additional Requirements

Age at most 30 years

Must have experience in Glass processing industry.

Must be a good strategic planner and implementer.

Strong analytical & problem solving skills.

Professional attitude towards job responsibility.

Efficiently manage and meet deadlines.

Knowledge of MS office & ERP.

Must have communication skill in both English & Bengal.

Improve systematic processes through the use of statistical analysis, design, planning, quality control, computer simulation, process documentation and problem solving.

Manufacturing Process Engineer

We are looking for a talented and motivated process engineer to join the Hardware and Manufacturing team. This full-time position located in the heart of downtown Toronto, will focus on the manufacturing processes and support of next generation hardware product, from prototype to mass production. We're looking for a highly motivated individual who is a professional, detail-oriented, team player, interested in working in a fast-paced start-up environment.

Key Responsibilities

- Work with internal and external parties to support, develop and sustain manufacturing processes to meet or exceed the technical requirements of our products while achieving quality, throughput and cost objectives
- Support the implementation of manufacturing processes including, but not limited to: facilities, layout, equipment selection and installation, work flow, process flow, process characterization, process monitoring/control methods, material handling, tool selection, consumables, documentation, training, support, and equipment service/maintenance
- Lead the activity to characterize, verify, and validate manufacturing processes to meet product requirements
- Create, maintain and sustain documentation of the entire manufacturing process
- ECR/ECN lead in Manufacturing
- Collaborate with design engineering team during product development

Skills & Experience

- BSc or equivalent in electrical, mechanical, or industrial engineering
- Working knowledge of electronics product assembly (PCBA and product level)
Advanced Quality Planning (SPC, FMEA, DOE, PPAP, and Verification & Validation)
- Good communication skills to collaborate with and manage cross-functional teams