



Curriculum Vitae

Atul Bhatt



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Dehradun

Date of Birth: Dec 17, 1989

CAREER OBJECTIVE

In order to improve student vision in manufacturing through my Industrial Technical experience and knowledge Teaching students the world's production standards, the nuances of production, will advance their careers, Through my experience, I can help students find good career opportunities, as well as promote creativity and high- order thinking skills that will make them more successful.

My work experience in manufacturing includes 10 years with a large MNC company. I hold a B.Tech in Mechanical Engineering and an MBA in Project Management. I am pursuing M.Tech in Production Engineering and am interested in becoming a teacher.

EXPERIENCE

2011-2016 Senior Engineers Manufacturing

I worked with Eureka Forbes manufacturing segment which one leading manufacturer in water purification system.

Product Range: -RO Water purifier, UV Water purifier, Commercial water purifier electric and non electric, Non electric water purifier, On tap water purifier, Water softener, Hot and cool water purifier.

2016-2020 Assistant Managers & Manager Manufacturing.

I worked with Philips manufacturing segment which one leading manufacturer in kitchen appliances system

Product Range: - Juicer Mixture Grinder, Induction cook top, Universal Motor etc. Steam Press ETC

In the plant take care below Production activity.

Daily production planning, Meeting production targets and resources planning as per customer requirement, Manufacturing process design analysis, Lean implementation, Keep the Stream line production system and maintain the 5S. Measure plant resources and worker efficiency and it utilization. Productivity & Cycle time analysis, line balancing, rejection controlling, Daily productivity and manpower monitoring with respect to running SKU, Monitor SPR analysis. VSM. Foot and clip OEE. Wastage elimination TIMWOODS and GO GEMBA, 2*2 projects, MR. ISO 14001-2004 and OHSAS, Quality Circle leader, Project leader in automation and semi automation project, Vender and Field visit for improvement in product quality, 8 D analysis. Plant's and process layout.

EDUCATIONAL QUALIFICATIONS, CERTIFICATIONS, AND PROGRAMS

Postgraduate: Pursuing M.Tech in Production Engineering I've completed my 3rd sem (Govind Ballabh Pant Institute of Engineering and Technology) with a first division 2022.

Thesis: - Innovate the SPD features of ultrafine grained Aluminum -2099 processed by Multi Axial loading, identification of the transformation of different dynamic Properties in the Alloy.

Under Guidance - Dr. Amit Joshi ,Ph.D (IIT Roorkee), & Mr.Manoj Kumar Pathak

Postgraduate: MBA (Project Management) with first division from Karnataka State Open University (KSOU) in 2015

Graduation: B.Tech (Mechanical) with first division from Uttakhand Technical University Dehradun in 2011

Programs: National Cadet Core NCC (A &B), National Child Science Congress State level, Summer Training (4 weeks), Baja Auto Rudrapur & GVK Alaknanda Hydro Project, Packing Of Materials Training, Carbon Block and G.A.C Property, IIP Packing standard training 6-s program & first aid training, lean basic and professional training G.B . Leader of quality circles.

IT SKILLS: SAP PP Module, Microsoft Office, Tally, ERP

Technical Key Skills: Program Management, Lean Management, Livelong learning, Flexibility, Communication, Cooperation, and Dependability. Mechanical reasoning, logic, troubleshooting, and spatial visualization skills.

HOBBIES: Cooking food, Playing badminton, Singing and listing music, learning about gadgets and machines, See movies

DECLARATION: I am keen to continue my career and prepared to work hard in order to achieve my organization objectives and I hereby declare that the information furnished above is true to the best of my knowledge

DATE: 1.02.2022

PLACE: Dehradun

ATUL BHATT

BRIEFING ON SOME PROJECT DETAILS AND ACTIVITIES.

Project Title	Target Process	Current condition	Target Condition	Role Description	Result	Effects
1 Automation of the gluing process	The gluing process and assembly line	An average shift output is 2000 nos. Process Scrap is high, and lead time is 1hr.	Shift output is 4000 pieces with a redesigned layout based on automated machines, cycle times, and process analysis. Gluing quality improved up to 6kg load.	Setup an updated layout with the assistance of the team.	Setups designed for single piece flow work well. There is a 15-minute lead time. Shift targets are 4,000 pieces.	Productivity improved double, Gluing Quality improved strength goes up to 6 kg load, Process scrap goes Zero
2 Improve Productivity Of Heat Transfer Foiling Machine	Assembly line	An average shift output is 400 nos	Shift output is 800 pieces with a redesigned layout based on automated machines, cycle times, and process analysis	Modified the Machine fixture and roller. And Synchronize the machine speed with job.	Shift targets are 800 nos set	Two shifts come in single shift. Lead time is less. productivity improved double
3 Resin Filling automation	Assembly line	We Use 3 Manpower for 2500 cartridge resin filling in a shift	Use 100% automation in this process, stop the slippage of resin	Make the requirement data and accuracy parameter of resin filling	Buy Resin filling automation machine	fill the 5000 cartridge in shift without manpower 100% accuracy without slippage
4 Cartridge Sealing Process	Assembly line	Manually taping and sealing Process use 3 Manpower for 3000 nos in shift.	semi-automated process save manpower increase the productivity	Design and implement new semi auto sealing machine	With the help of 1 manpower 5000 Cart. Seal in shift.	Productivity improved Production 66.6% increase
5 Re-Layout in foiling section	Assembly line	Materials movement is very high, material's breakage is 5%	Control the breakage and reduced the movement of top and bottom cont.	Line conveyer installed inside the foiling section.	Materials feeding increase, less movement and breakage come down .3%	Rejection Control Productivity improved
6 Productivity improvement crimping Section	Assembly line	2 crimping line running with 12 Manpower. Target 700 nos stator each machine.	Target improved 2000 stator in a shift and developed 2 more line	Design 2 more station without increasing manpower	4 Station is running 3 person in each Station and output every Station is 500 nos	Productivity improved 6-S improved Production 42.8% increase

7 Productivity improved Stator winding Section	Assembly line	Materials flow batch wise, Difficult to monitoring, produced average 300 winding /Machine/shift	single piece flow, Tooling data analysis	Re-Layout for single piece flow, Tool history log book Machine wise data History	200 number of stator increased per machine in stator winding	Productivity improved, Production 66.6% increase
8 Improved container feeding process in set	Assembly line	1 box opening 3 set of top and bottom cont. take 35 sec. so 1 set take 11.5 Sec.	Improved productivity 50%	Design double size box capacity 6 set, in 35Sec.Qty. doubled in same process	Cycle time reduced 50%. reduced in packing cost	Productivity improved, Retardation of manpower is reduced. Cost saving
9 Preventing seepage	Assembly line	Nut bolt, washer, seepage. In assembly	Prevent the seepage of nut, bolt, spring whaler, pallet washer etc	With help of magnet box and magnetic roof prevent this	Prevent the seepage of nut and bolt and lock washer	6-s Improve, Stock level is improved, chances of missing is less
10 Re- Layout of Plant improved materials movement	Assembly line	lead time of materials moment is 30 mints for kit	lead time of materials moment is 15 mints for kit	With the help of store and production. Re-layout done in plant	With the help of new layout kiting time 15mints	Lead decreasing 60 % mints. Plant 6S improved.
11 Reduction in change over time	Armature Assembly	35 mints change over time in Armature Assembly	Reduced the time up to 10 mints	Tool and died according model wise easily identify and change machine parameter for quick change over.	within 10 mints change over take place	Productivity improved. 71%reduction in cycle time
12 Sharing data sheet for monthly target	Production office	Connect the data from SAP its take time and data is missing is some data not update in SAP	Make a such understandable format with formula automatic shown the target, achieving, and pending target	With help of this excel we look daily and cumulative production, daily and cumulative Dispatch, Today FG, pending production, production and dispatch	More effectively work on the customer requirement	Planning improved easily connect with customer requirement SKU, overall effectiveness improved
13 Prevent the tap brake from lever	Assembly line	Customer complains tap lever failure it goes break using some time.	Modifying the lever which is not break when use it	Modified the lever design provide additional ribs so tap failure complains are zero.	Prevent the lever from breakage	Product Quality Improved.
14 Stream Line Production	Assembly line	Properly data not communicate to the production person	Make the hourly production report and mark next hour shortage and problem	Find way How make the Stream line production system in plant. Cycle time	we have find the accurate qty. produced and take	Productivity improved, operators waiting time reduced. Better planning

				analysis for forecast to production target.	easy change over	
15 Inspection Process.	Assembly line	the process take 10 sec. in the inspection of warranty card	warranty card attached with user manual	make the new design of warranty card	Missing chances reduced and inspection time is less	Productivity improved.
16 Armature Tricking process	Assembly line	Armature tricking in single side so output per hrs. is 200/hrs nos	Armature tricking in double side so output per hrs. is 400/hrs nos	make the second side setup in same machine.	Armature tricking is 400/hrs	Productivity improved.
17 integrated Casting and assembly line	Assembly line	casting line is separate and assembly line is separated	mixing the casting line with main assembly line	make the integrated assembly line and materials in single pieces flow	over all 2 manpower is less and effectiveness improved	Productivity improved.
18 Engraving process	Assembly line	manually engraving in plastic part for month and year	improved the product of engraving Process	Make the punching cylinder. And pressing process is already in process	manually engraving process eliminating	Productivity improved.