

MD ALIMODDIN

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Curriculum Vitae

Career Objective

A result oriented Professional aiming to work towards growth of the organization with effective Production planning to optimize Process constraints & improve productivity. Efficiently executed assigned goals.

Professional Snapshot

An Automotive Professional with **7 Years** of experience in **Production Department**, Currently associated with **Mahindra CIE Automotive Ltd** Telangana.

Core Competencies (Production - Body Shop)

1. Body shop (Assembly line)-Production planning and execution with lean-machine, manpower and material availability.
2. Knowledge of fabrication process and equipment used.
3. SAP PP Module.
4. Knowledge of Spot welding and Mig welding types of defects, process parameters and equipment.
5. Skill of communication and presentation with top management.
6. OEE Calculation.
7. Work force Handling.
8. Loss analysis.
9. Basic Robotic operations for welding.
10. Quality systems.
11. Problem Solving 8-D,QC story, Gemba.
12. Lean Manufacturing.

Organizational Experience

Current Company: MAHINDRA CIE AUTOMOTIVE Ltd, Telangana (JULY'2016- Till Date)

Designation: Assistant Manager (Weld Shop-Production)

Job Profile: Production & Planning (Body shop)

- To ensure availability of men and material for executing daily production targets as per plan.
- To arrange BOP, In-house parts, and consumables from stores as per PPC plan to run line.
- Ensuring adherence to established quality systems without any deviation.
- Ensure availability of all facilities in the line including special tools, equipment for smooth production.
- Planning for new changes and Improvement projects in coordination with cross functional team consisting of PPC, Maintenance, NPD, fixture, and quality.
- Plan and implement corrective actions for BIW related issues.
- Coordinate activities related to maintenance with maintenance team. Ensuring JH and PM condition of Machines as per standards.

- Ensuring availability of skilled manpower for production by coordinate with HR and appropriate shop floor training.
- Plan and implement Poka-Yoke and automation proposals for in work area for PQCDSDM improvements.
- To keep team motivated and engaged by continuous Improvements through kaizen movement and Rewards and Recognition meetings on monthly basis.
- Conversion of daily planned orders to production orders and ensuring closure on daily basis in SAP.
- Manage the responsibility of the entire operation of MIG welding and spot welding.
- Review daily production targets and utilize work force effectively.
- Ensure process parameters are set as per control plan.
- Ensure Quality of product by taking first piece approval for every changeover
- Conducting department DWM to achieve production targets.
- Conducting Sun set meeting for daily production plan, Regular interaction with all departments to resolve concerns.
- To check Machine preventive maintenance & Calibration is done on time.
- Identifying bottleneck & reducing downtime to improve productivity.
- Control on defects & rework by ensuring process guidelines, analyze and reduce rejection.
- Make corrective actions for in house and process rejection and ensure following in line.
- Monitoring Daily in-house and supplier defects and conducting rejection review meeting on daily basis.
- Control on excess utilization of consumables to save cost.
- Encourage all employees to develop Kaizens, ensuring assessment for “Man of the month award” on regular basis.
- Committed to ensure Safety, Health & Morale of Employees.
- Conducting safety toolbox talk, identifying and elimination of unsafe condition, unsafe act, near miss in assembly line, educating operators on safety through Behavior Base Safety observation.
- To make and update of all production related documents daily.
- Ensuring Timely disposal of non-confirming products & scrap.
- To ensure regular dispatch as per customer demand.

Projects:

Elimination of Bottleneck station in cargo assembly line by work balance:

- Identified the bottleneck station ST-30 causing Low productivity and subassembly shortage to main line.
- Operation wise MIG welding actualization report analyzed.
- 300mm MIG welding has shifted from ST-30 at another subassembly line St-30-B and layout modification done.
- Re-layout has done for SSW machine to reduce sub assembly transportation.
- Installed New IT gun in sub assembly station which leads to the reduction of waiting time, and continuous flow of subassemblies, line and removes overburdening of spot welder.

Reducing Loading time at Robotic spot-welding station:

- Identified the bottleneck station as OP-20 and divided the cycle time in two stages as loading time (175 sec) and spotting time of robot (120 sec)
- Unwanted movements (7Nos) of rotational fixture during part loading were causing the high loading time than Robot spotting time.
- Changed the PLC program and reduced the OP-20 rotational fixture Loading movement from 7 degrees to 3 degrees (0,90,180) of movement. Reduced loading time 175 sec to 60 sec.
- Which results in increasing productivity, reduction of idle time of robot and operator fatigue.

Manpower Optimization in assembly shop (5 manpower per shift):

- Operator Idle time study and cycle time study done in Cargo assembly line.
- Scope of Improvement and work balance is identified at subassembly and Main line.
- Manual IT gun Layout modified and relocated in front of Robot to utilize operator idle time during Robot spotting operation.
- Manual torque and Nut assembly work shifted to main line operator to line balance.
- Two sub-assemblies of operating (side panel and Rear skirt) were shifted to Main line operator who is idle during Robot operation.
- Chipping and De-burring work is shifted to fire wall dentor to optimize metal finishing manpower.

Engine cover Poka-Yoke to Prevent Lock Reverse assembly:

- Engine cover Budget lock fitment reverse assembly was the major concern in the assembly line.
- Though the Poka-yoke fixture was available, it was only dependent on operator usage.
- Operator used to skip usage of available Poka-yoke during fitment because of fatigue.
- New fixture developed in sub assembly line at budget lock bracket level by providing mechanical pin at occurrence level and another Pin at main assembly line to detect reverse assembly.
- Which reduced the operator fatigue and results in No occurrence of reverse assembly.

Achievements

- Rewarded by Mahindra Cie “Sanman” quarterly Q4 2022(Oct-Dec2022) award for significant productivity Improvement in Cargo assembly line.
- Increased cargo assembly line production 45 to 60 per shift consistency.
- Achieved “Highest Ever Production” records and received appreciations by the Management.
- Awarded “Mahindra Yellow Belt Certification” by top management for eliminating customer chronic concern.
- Optimization of Machine setting, increasing the utilization of machines by proper Capacity Planning.
- Lead Cargo Assembly line Cricket team in Mahindra Cie Cricket tournament -2022 and won the tournament.

Education

- **B.Tech. in Mechanical Engineering-2014, International Institute of Informational Technology (IIIT)-Basara, affiliation of IIIT, Hyderabad Telangana.**

LEVEL OF EDUCATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASS- - ING	AGGREGATE (in %)
B.TECH Mechanical Engineering.	International Institute of Informational Technology (IIIT)-Basara.	RGUKT-BASARA	2010-2014	75.3
PUC(M.BiPC)	International Institute of	RGUKT-BASARA	2008-2010	86.8

	Informational Technology (IIT)-Basara.			
S.S.C.	Shantiniketan Vidyalaya, Zaheerabad.	BOARD OF SECONDARY EDUCATION, A.P.	2007-08	89.89

IT Skills

- SAP end user– PP Module.
- Microsoft Office – Excel, Word, Power point. Etc.

Training & Certification

- “Value Stream Mapping” by Mahindra Institute of Quality
- “B level certified Auditing of Supplier Evaluation Standards” by Mahindra Institute of Quality
- “MYB” by Mahindra Institute of Quality
- “Robotic spot welding and MIG welding “ by Mahindra Institute of Quality

Personal Profile

Name: M.D Alimoddin
 Fathers Name: M.D Qayamoddin
 Date of Birth: 28-March-1993
 Marital Status: Married
 Languages: English, Telugu, Hindi.