

CAREER OBJECTIVE

- Qualified and Skilled Engineer with **3 years of Experience** as a **Shift In charge** in **Forging Production Department** in **forging industry**. Excellent problem solving and analytical abilities. Extensive knowledge of the production process and the development of equipment and production lines, intends to work as an Production Engineer for a leading firm.

Profile Summary

- Qualified professional with **Graduation in Mechanical Engineering** from **Rajiv Gandhi Technical University Bhopal (M.P)**.
- A competent professional with **3 years of Experience** as a **Production Engineer** (Forging automobile ancillaries).
- Experience in managing production operations with key focus on the optimal utilization of the resources.
- Having through knowledge of Hot forging, Man power management, Material arrangement Die setting in crank press and screw press, Defect Analysis & Corrective action, Quality control, Preventive maintenance, Maintaining , SPR, Lean Manufacturing .
- Knowledge of the implementation of various techniques and quality/safety standard for improving operations along with cost saving; well versed with the functional aspects of;
 - Hourly Chart Preparation
 - Key Performance indicators
 - Work Instruction Preparation
 - Quality standard like 5S, Kaizen etc.

Professional Experience

Since **June'17** with **Amtek Auto Ltd. Bhopal** as a **Production Engineer** (Forging automobile ancillaries)

Job Responsibilities

- Planning and execution of production plan according to weekly plan and master plan.
- Making daily shift production report and reporting to production manager.
- Loading Tool as Per Plan and achieving target, Maintaining shift, Manpower Allocation.
- Minimizing rejection by creating quality awareness among worker.
- Preparation of dept. Lean presentation, Monthly presentation and participation in continual improvement activity and case study of problems.
- Responsible for complete **Forging products** for **Hot Forging** including tolerance studies, Die Clearance and manufacturing ability.
- Scheduling and Executing Preventive and Predictive maintenance, Managing day to day corrective maintenance, planned maintenance, preventive maintenance on Forging press (Crank Press and Screw Press), Trimming Press etc.
- Working knowledge of hydraulic presses like: HANOUL 1350 Ton, VACCARI Screw Press 750 Ton, Trimming press from 100 Ton to 300 Ton.
- Die lubrication preparation according to the lubrication –water ratio required (normally 1:10)
- Identify forging defects (Dent, Scale Pitting, Flatness, IMPT, Lapping, Under filling)during production and control.
- Spearheading entire gamut of production and planning based operations inclusive of :
 - Tool and Die setting & Trial components
 - Jigs and Fixtures setup on machines
 - Bolster setting on Hydraulic presses and repairing
 - Maintain Die life reports
 - Properly tagging of different components for Traceability

Academic Details

B.E. in Mechanical Engineering from Rajiv Gandhi Technical University, Bhopal in 2016 with 74.45%
12th from Madhya Pradesh Board in 2012 with 78%
10th from Madhya Pradesh Board in 2010 with 79%

IT Skills

Well versed with AutoCAD, MS Office (Word, Excel and PowerPoint)
Conversant with Lean, 7QC, Kaizen and 5S, Good understanding of Internet tools.

Major Achievements

- Developed pneumatic cylinder based cooling conveyor to avoid dents in forged components. This avoided the cooling fan motor and conveyor chain motor in cooling conveyors.
- Active Participation in monthly Presentation.

Major Project

- **Geothermal Cooling and Heating with advancement of thermoelectric device.**
- Developed a system with use of M.S. pipe, air suck blower (Air pressure 400mm) , two hollow box of steel (one is source and second is sink) , and use of some soil.

Personal Skills

- Good Communication Skills, analyzing aptitude.
- Eagerness to learn and Let others learn.
- Calm, Confident, hard working and self motivated.
- Mentally Strong and physically active.

Personal Details

Date of birth	-12/OCT/1994
Father's Name	-Mr. Janardan Prasad Tiwari
Gender	-Male
Nationality	-Indian
Languages known	-English, Hindi
Current CTC	-1.8lakhs per annum
Expected CTC	- 2.4lakhs per annum
Notice period	-30 days
Address	-96, Shuklan Mohalla Gram Hardua Ramnagar Distt.Satna (M.P.)

Declaration

I hereby declare that the information provided above are true and correct to the best of my knowledge.

Place: Bhopal

DHRUV TIWARI