



ROGITHKUMAR P
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OBJECTIVE:

To Thrive a challenging career and procure a top-notch rank in engineering environment with a progressive results-oriented organization that offers ample opportunity to prove, improve and grow in career and professional advancement.

COMPANY PROFILE & EXPERIENCE:

Currently I am working in Mahindra CIE automotive Limited at Billforge Division (IATF 16949:2016 Certified) Bangalore, as “**Engineer**” in **Tool Engineering department** related to **cold forging parts** effective from August-18.

MY JOB RESPONSIBILITIES:

- Responsibility for **All New Trails/Development** tools.
- Responsible for **Quality Assurance** involving incoming, in process and Final inspection.
- Responsibility’s for **process planning, stock maintaining , purchase consumables, shift arrangements**.
- Vendors & suppliers follow ups.
- Responsibility for all **Production activity**.
- Responsibility for making delivery challan , sales invoice & Vendor purchase orders.
- For **quality instruments** handling.
- Responsibility for **5s & shop floor maintaining**.
- Conducting **tool box talk** .

PROFESSIONAL/TECHNICAL KNOWLEDGE & PROJECT DETAILS:

- Tool steel material like **M2,YXR7,YXR3,M35,ASP2060(S290), ASP2030(S590),D2,H13, EN24** etc using for improving Punch and die life depends up on machine load in stage wise.
- **H13/EN24** material is suitable for **outer die case** and **die sleeve** because its a **expandable material** during on **shrink fitting** process at 500 to 520 degree Celsius is enough.

- **D2,M2&YXR3** material is suitable for **Inner nib** in HSS die's,Material selection it may vary from load & design.
- **YXR7,M2&M35,ASP2030** is suitable for Punch/Counter punch side in **Rings/Races/shafts** components and **ASP2060** is suitable for Insert punch/counter punch Especially in **Retainers/shafts** components.
- In **Yoke Parts** we are using **YXR3** material in HSS Die's due to **avoid cracking** at some stages.
- **ST7 grade Carbide Pellet** is suitable for **cold forging** forming Die's & tools at some stage wise in part forming and also its depends upon load and design.
- **Tool life improvements** mainly depends up on **material selection** and **Heat treatment** process type like **salt bath & Vacuum Heat** treatment for **stress Relieve, Hardening, Tempering** and **subzero** process.Especially in **Hardening/Tempering temperature** and **timings**.
- Using Different types of Insert like **TNMG,CCGW,VNMG,CCMT,WNMG,SPMG** etc.. for **Insert Life improvement** for **CNC & Conventional lathe**.
- **CBN,Ceramic & Carbide grinding wheels** Life improvement for OD/ID machines.
- For **Production improvement** mainly depends upon **time study** for every operation,**Inserts life** and **Grinding wheels life** improvement.
- Cost Saving projects by **Production improvement**,converting **non-moving** tools to **moving tools,Resharpener the carbide dies,HSS die case & sleeves** and tools like **chip, bulge,scoring punches** and **die's** converting to other different punches and die's.

TRAINING UNDERGONE:

- Training Program **SAP** in **Production & Quality** module.
- Training Program on **5S**.
- Training for Industry safety .

SUMMARY SKILLS :

- Knowledge in **Auto CAD, MS Word ,EXCEL** .
- Knowledge in **“Geometrical Dimension & Tolerance”**.
- Knowledge of **Tool design**.
- Experienced in **Jigs & Fixtures assembly**.
- Maintaining the **Tools documents**.
- Knowledge in **SAP Quality & production mode**.

TECHNICAL QUALIFICATION:

➤ B.E Mechanical Engineering

Institute : C.Abdul Hakeem college of Engg & technology
University : Anna University, Chennai
Year of pass : April 2018.
Percentage of Mark : 72 %

EDUCATIONAL QUALIFICATION:

➤ H.S.C

School Name : Sri Ramakrishna Matriculation Hr secondary school
Year of Pass : April 2014
Percentage of Mark : 77%

PERSONAL PROFILE:

Name : Rogithkumar.P
Father's name : Palani.K
Date of birth : 15.01.1996
Sex : Male
Marital Status : Single
Religion : Hindu
Nationality : Indian
Languages known : Telugu, English, Tamil & Kannada.
Address : Sri Balaji Plaza,
#101 SLN Nagar Bommasandra,
Bengaluru- 560099.

DECLARATION:

I here by declare that the above information given here is true and correct without any consequential omissions what so ever.

Place: Bangalore
Date:

Yours faithfully,

(ROGITHKUMAR P)