



PREVENTIVE MAINTENANCE CHECK LIST FOR DIES








Format No. :- ASM/F/TR/04
Rev. No. :- 07
Eff. Date :- 10/07/2022

SCHEDULE **Preventive maintenance to be done**
1. First 5000 shots
2. Between Every 20000 Shots to 25000 Shots

Note :- Part Name, Die no.& Date must to maintained on report

Part Name :- _____ Die No. :- _____ PM Date :- _____

Routine / Preventive Maint. Check List

1	Open the Die & clean properly to remove the rust, dirt & dust	
2	Leakage of Cooling pipe to be checked & Replace if required 	
3	Hole forming pins replaced if required, Bend not allowed in Hole forming pin & Harden Pin to be used. 	
4	Bush Fitting Pins to be check for bend & replace if required. 	
5	Gap not allowed between hole forming pins 	
6	Cleaning of slides & stoppers to be done	
7	Blue matching to be done of inserts, sprue bush, Diffuser & punches etc.	
8	Polishing to be done	
9	To check & repair the die block, ejector box, mounting surface, clamp slots, guide pins	
10	Guide pillar & bush to be checked & repair if req. & changed every 25000 shots 	
11	Sprue bush & diffuser to be checked & repair if required every 45000 shots.	
12	Stress relieving & nitriding to be done every 40000 shots	
13	Check the Gate erosion, Depth & Width	
14	Check the Heat check marks, Crack ,dent & Damage	
15	EDM Marks to be checked	
16	Attend the NG Point as per Last Shot Report (Die /Tool Rectification)	
17	Check the hydraulic cylinder & accumalator	
18	Pillars to be cheked for bending before loading	
19	Check all ejector pin head & if required , to be changed & ensure the height also	
20	Ejector pins hole to be lubricated & Checked for Play (Play not allowed)	
21	Ejector plate to be check for depression (deformation) during preventive maintenance	
22	Tie Bar rod Condition to be checked before die loading	
23	Engraving must be clear & visible. 	
24	Engraving height /Width to be checked at customer end during Dovelopment /New Die 	

Comment If Any :-

Initial Effective Date : 13.09.18

CHECKED BY:

VERIFIED BY: