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Lark Engineering Company (India) Pvt. Ltd.

I.T.I. Sasouli Road, Yamuna Nagar - 135 001 (Haryana)

Form No.	CNC/QA/FM/02
Rev. No.	01
Rev. Date	31-07-2013

Inprocess Inspection (Pellet Dies)

S.No.	Check Parameter	Specification	Observations	Remarks
1	Work Order No.		15515	17/66
2	Machined By		V.T.L. N/C Shop	Dy H.L.B. G-9 Rev. 03
3	Pallet Die No.		15546 (6.0) mm	
4	Die Category	Drg. No.	H. Jumbo	
5	Out Side Diameter	Drg. No.	680.7 mm, Step OD = 692.8 mm	Tapper 8°
6	Inside Diameter	Drg. No.	546.14 mm (Box = 548.4)	Step length 31 mm
7	Width of Pellet Die	Drg. No.	195 mm	Undercut 8.5 mm
8	Grooves as per Drawing	Drg. No.	32×7×9.2 mm / 32×7×9.2 mm (4×8) mm	
9	Fitting Sizes on CNC Plate	Drg. No.	ok	Race Side Step 8 mm Rack Both Side
10	Drilling Area Surface Smoothness		ok	
11	Tapping Operator		N/C Shop	
12	Tapping PCD		619 mm	Tapping No of Holes 8 Both Side
13	Tapping Hole Diameter		M16 × Check by M16 Bolt	
14	Tapping On Second Side	Half pitch of 1st side	ok	
15	Tapping Hole Depth		Drill Depth. 33.7 mm	Tapping Depth. 31.6
16	Perpendicularity of Tapped Hole		yes	
17	Visual Inspection Before Gun Drilling		ok	
	Inspected By (Sign) & Date		Ravi 25/7/25	
1	As per programme no.		—	
2	Gun Drilling Work Completed On		—	
3	Hole Finish In Gun Drilling	Marked	ok	
4	Defective Holes (If Any)		No	

Note : Mark the defective holes/Missed holes with the help of Permanent Marker

1	Counter Sinking Depth & Finish	ok						Counter 30° Rows 12
2	External Relief Dia	7.5 mm		All	Rows			
3	External Relief Depth				49 mm			
4	Inspection Done Before Hardening By (Name)		Ravi					
5	Material Sent For Hardening By (Name)		Lark Furnace					
6	Material Sent For Hardening On Date		25	7	25			
	Inspected By (Sign) & Date		Ravi 25/7/25					

Satya 25/7/25

Reviewed by (Engineer-CNC)

Manager-QA