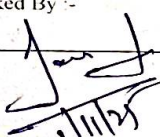
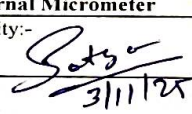


15820

LARK ENGINEERING CO. (INDIA) PVT. LTD.										Format No.: CNC/QC/FM/03	
Pellet Die Final Inspection Report										Rev./Date: 02/15-05-25	
Machine Name:- LM- 07					WON :- 16320					JUDGEMENT SYMBOLS	
Drawing No./Rev.:- 15431					Blank NO.:- 15839					OK	✓
Part Mfg. Date :- 31/10/25					Hole Size:- 3.5					REJECT	X
Inspector Name:- Sanjay					Category :- SSED					REWORK	□
Inspection Date:- 11/11/25					Customer Name:- Sri Kalyan feed Technology					CONDITIONALLY ACCEPTED	Δ
Sl. No.	Check Parameters	Checking Method	Unit	Dimension	Tolerance	Critical Size	Observations	Judgement	Remark		
1	Visual Inspection	Visually Observe the Dents, Crack, Burr, Sharp Edges etc.					ok	✓			
2	Outer Diameter	VC	mm	614	+/-0.1		614	✓			
3	Inside Diameter	VC	mm	520	+/-0.1		520	✓			
4	Width of die	VC	mm	222	+/-0.2		222	✓			
5	Hardened By	Inhouse/Outsource					hard furnace	✓			
6	Hardness Achieved on 1st Face	Hardness Tester	HRC	50-55 HRC			57.1 - 57.4	✓			
7	Hardness Achieved on 2nd Face	Hardness Tester	HRC	50-55 HRC			50.3 - 50.6	✓			
8	Ovality After Hardening 1st Side	VC	mm	Upto 700 OD-0.7 max, Above 700 OD-1mm max			.5	✓			
9	Ovality After Hardening 2nd Side	VC	mm				.5	✓			
10	OD Fitting Size 1st Side	MM	mm	610	+0.02	*	610 ± 0.03 + 0.04	✓			
11	OD Fitting Size 2nd Side	MM	mm	610	+0.02	*	610 ± 0.04 + 0.04	✓			
12	ID Fitting Size 1st Side	IMM	mm			*	—	✓			
13	ID Fitting Size 2nd Side	IMM	mm			*	—	✓			
14	Tapper/Straight Fit	Visual					Straight	✓			
15	Tapper Angle	Bevel Protector	Degree			*	—	✓			
16	Total Step Length	VC	mm		+/-0.1		20.	✓			
17	Tapper Step Length	HG/VC	mm		+/-0.1		—	✓			
18	Face Groove Depth	VC	mm		+/-0.1		—	✓			
19	Thread Quality	Thread Plug Gauge	Pass/Fail	Go Gauge Should be Qualify	NOGO Gauge Not more then 2 Thread	*	ok	✓			
20	Slot Size (WxD)	VC	mm		+/-0.1		—	✓			
21	Recounter Quality if applicable	Visual		Check For Finishing			—	✓			
22	Surface Finish On Fitting Size	Surface Roughness Tester	Ra	1 Ra max			ok	✓			
23	⊥ on Fitting size W.R.T Face	Dial and HG	mm	0.05 Max			—	✓			
24	Marking Pattern	Visual		Blank No	Category	Hole Size	Relief Ratio				
			LARK	15839	SSED	3.5	37/47	✓			

Remarks :-

Note:- Critical Size Denoted by * Mark. Critical Dimension Mandatory to Be Check & Fill in the actual Size by Quality Inspector.

VC- Vernier Calliper	IMM- Internal Micrometer	MM-Micro Meter	HG- Height Gauge
Checked By :- 	Verified By Quality:- 	Approved By:-	RN NO. :-
			File In Record :-