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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. | | 11040 | 40/50 |
| 2 | Machined By | | V.T.L. M/C Shop | Drg No. 1.EC.11286 |
| 3 | Pallet Die No. | | 11387 (4.0) MM | Rev. 02 |
| 4 | Die Category | Drg. No. | SSSTD | |
| 5 | Out Side Diameter | Drg. No. | 620 MM Step OD = 623.6 MM (A) | Tapper = 12° |
| 6 | Inside Diameter | Drg. No. | 520.12 MM | Step length = 18 MM |
| 7 | Width of Pellet Die | Drg. No. | 186 MM | ~~[illegible]~~ |
| 8 | Grooves as per Drawing | Drg. No. | 13×8×3 MM / 13×8×3 MM | Under cut = 1.8 MM |
| 9 | Fitting Sizes on CNC Plate | Drg. No. | ok | |
| 10 | Drilling Area Surface Smoothness | | ok | |
| 11 | Tapping Operator | | M/C Shop | Tapping No. of Holes = 12 Both Side |
| 12 | Tapping PCD | | 565 MM | |
| 13 | Tapping Hole Diameter | | M20 = Check by M20 Bolt | |
| 14 | Tapping On Second Side | Half pitch of 1st side | ok | |
| 15 | Tapping Hole Depth | | Drill Depth = 21.2 MM Tapping Depth = 19 MM | |
| 16 | Perpendicularity of Tapped Hole | | yes | |
| 17 | Visual Inspection Before Gun Drilling | | ok | |
| | Inspected By (Sign) & Date | | Ravi 10/1/24 | |
| 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 — Counter = 88°

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | Counter Sinking Depth & Finish | ok | | | | | | Row = 25 |
| 2 | External Relief Dia | 4.5 MM | OU Side (3-3) | | Inner | | | |
| 3 | External Relief Depth | | 14 MM | | 10 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 | | 10 | 1 | 24 | | | |
| | Inspected By (Sign) & Date | | Ravi 10/1/24 | | | | | |

11/1/24

Reviewed by (Engineer-CNC)

Manager-QA

Scanned with CamScanner