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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. | | 10866/ | 33/50 |
| 2 | Machined By | | V.T.L. M/c Shop | Dwg No. 1.3.0.931 Rev 00 |
| 3 | Pallet Die No. | | 11415 (4.0) HN | |
| 4 | Die Category | Drg. No. | Senior | |
| 5 | Out Side Diameter | Drg. No. | 520 HN Step OD 498 HN | Step length 13.5 |
| 6 | Inside Diameter | Drg. No. | 420.12 HN | |
| 7 | Width of Pellet Die | Drg. No. | 160 HN | |
| 8 | Grooves as per Drawing | Drg. No. | 10x8x5 HN / 10x8x5 HN | |
| 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 8 Both Side |
| 12 | Tapping PCD | | 454 HN | |
| 13 | Tapping Hole Diameter | | Ø3/4" Check by Ø3/4" Bolt | |
| 14 | Tapping On Second Side | Half pitch of 1st side | Ok | |
| 15 | Tapping Hole Depth | | Drill Depth 19 HN Tapping Depth 17 HN | |
| 16 | Perpendicularity of Tapped Hole | | Yes | |
| 17 | Visual Inspection Before Gun Drilling | | Ok | |
| | **Inspected By (Sign) & Date** | | Ravi 18/12/23 | |
| 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 | | | | | | Ravi 21 |
| 2 | External Relief Dia | 4.5 HN | Outside C2-25 | | Inner | | | |
| 3 | External Relief Depth | | 21 HN | | 17 HN | | | |
| 4 | Inspection Done Before Hardening By (Name) | | Ravi | | | | | |
| 5 | Material Sent For Hardening By (Name) | | Lark furnace | | | | | |
| 6 | Material Sent For Hardening On Date | | 18 | 12 | 23 | | | |
| | **Inspected By (Sign) & Date** | | Ravi 18/12/23 | | | | | |

Reviewed by (Engineer-CNC)

Manager-QA

Scanned with CamScanner