



# 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

## Inprocess Inspection (Pellet Dies)

Rev. Date 31-07-2013

| S.No. | Check Parameter                       | Specification          | Observations             | Remarks                             |
|-------|---------------------------------------|------------------------|--------------------------|-------------------------------------|
| 1     | Work Order No.                        |                        | 11017                    | 28/40                               |
| 2     | Machined By                           |                        | V.T.L. H/c Shop          | Dy. No. 815<br>Lark 8310            |
| 3     | Pallet Die No.                        |                        | 10781 (5.0) H/c          |                                     |
| 4     | Die Category                          | Drg. No.               | Senior                   |                                     |
| 5     | Out Side Diameter                     | Drg. No.               | 500 H/c, Step 002 49 H/c | Step length 17.5                    |
| 6     | Inside Diameter                       | Drg. No.               | 420.12 H/c               |                                     |
| 7     | Width of Pellet Die                   | Drg. No.               | 158 H/c                  |                                     |
| 8     | Grooves as per Drawing                | Drg. No.               | 12x8x3 H/c / 12x8x3 H/c  |                                     |
| 9     | Fitting Sizes on CNC Plate            | Drg. No.               | OK                       |                                     |
| 10    | Drilling Area Surface Smoothness      |                        | OK                       |                                     |
| 11    | Tapping Operator                      |                        | H/c Shop                 | Tapping No. of Holes 8<br>Both Side |
| 12    | Tapping PCD                           |                        | 454 H/c                  |                                     |
| 13    | Tapping Hole Diameter                 |                        | M20, Check by H/c        |                                     |
| 14    | Tapping On Second Side                | Half pitch of 1st side | OK                       |                                     |
| 15    | Tapping Hole Depth                    |                        | Drill Depth, 18 H/c      | Tapping Depth 16.5                  |
| 16    | Perpendicularity of Tapped Hole       |                        | yes                      |                                     |
| 17    | Visual Inspection Before Gun Drilling |                        | OK                       |                                     |

### Inspected By (Sign) & Date

Ravi 26/12/13

|   |                                |        |    |
|---|--------------------------------|--------|----|
| 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: 60°

|   |  |         |               |        |    |  |
|---|--|---------|---------------|--------|----|--|
| 1 | Counter Sinking Depth & Finish             | OK      |               |        |    |  |
| 2 | External Relief Dia                        | 5.5 H/c | Outside (2-2) | Inner  |    |  |
| 3 | External Relief Depth                      |         | 17 H/c        | 12 H/c |    |  |
| 4 | Inspection Done Before Hardening By (Name) |         | Ravi          |        |    |  |
| 5 | Material Sent For Hardening By (Name)      |         | Lark Furnace  |        |    |  |
| 6 | Material Sent For Hardening On Date        |         | 26            | 12     | 23 |  |

### Inspected By (Sign) & Date

Ravi 26/12/13

Reviewed by (Engineer-CNC)

Manager-QA