



# Lark Engineering Company (India) Pvt. Ltd.

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

Form No. CNC/QA/FM/03  
Rev. No. 01  
Rev. Date 31-07-2013

## Final Inspection (Pellet Dies) after Hardening & Finishing

| S.No. | Check Parameter                              | Specification              | Observations | Remarks            |
|-------|--|----------------------------|--------------|--------------------|
| 1.    | Work order No.                               |                            |              | 40/40              |
| 2.    | Visual Inspection                            |                            | 11928        | Photo              |
| 3.    | Pellet Die No.                               | OK - 2-8 mm                | (Semi)       | Depth 305 AB       |
| 4.    | Hardened by                                  | 11815                      |              | UT-OK              |
| 5.    | Received by after hardening (Name)           | hark Kumar                 |              | Relief-OK          |
| 6.    | Hardness achieved on 1 <sup>st</sup> side    | 50.7 - 50.4 HRC            |              | (2-2) ≥ 6 mm       |
| 7.    | Hardness achieved on 2 <sup>nd</sup> side    | 50.8 - 51.2 HRC            |              | Relief 3-5 ≥ 11.20 |
| 8.    | Ovality after hardening 1 <sup>st</sup> side | (0.1) mm                   |              | Counter-OK         |
| 9.    | Ovality after hardening 2 <sup>nd</sup> side | (0.1) mm                   |              | POD - 454 mm       |
| 10.   | Outside Diameter                             | 500 mm                     |              | Tapping 1/314"     |
| 11.   | Inside Diameter                              | 420 mm                     |              | Deep - 17.3 mm     |
| 12.   | Width of die                                 | 158 mm                     |              | Tapping 11.0 mm    |
|       |  | Inspected By (Sign) & Date |              |                    |
|       |  | Jayin 23/5/24              |              |                    |
| 1.    | Finish Fitting size 1 <sup>st</sup> side     | 489.15 ± 0.09 4.10 mm      |              |                    |
| 2.    | Finish Fitting size 2 <sup>nd</sup> side     | 489.15 ± 0.08 4.09 mm      |              |                    |
| 3.    | Finish size made by                          |                            |              |                    |
|       |  | Inspected By (Sign) & Date |              |                    |
|       |  | Jayin 23/5/24              |              |                    |
| 1.    | Supplied to (Customer Name)                  | Valluamam, W.B             |              |                    |
| 2.    | Dispatch Date                                |                            |              |                    |
|       |  | Reported By (Sign) & Date  |              |                    |
|       |  | Jayin 23/5/24              |              |                    |

Satyam  
13/5/24

Reviewed by (Engineer-CNC)

Manager-CNC