



# 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

10574

| S.No.                      | Check Parameter                              | Specification Observations             | Remarks         |
|----------------------------|----------------------------------------------|----------------------------------------|-----------------|
| 1.                         | Work order No.                               | 14687                                  | 43150           |
| 2.                         | Visual Inspection                            | OK - 4.0 mm (SSCW)                     | Dring 16-998044 |
| 3.                         | Pellet Die No.                               | 14619                                  | UT-OK           |
| 4.                         | Hardened by                                  | Lark's furnace                         | Relief - OK     |
| 5.                         | Received by after hardening (Name)           | Jangir                                 | (B-3) 3 11 mm   |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 52.1 - 52.3 HRC                        | Relief 4.5 7 mm |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 50.0 - 50.1 HRC                        | Countdown - OK  |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | (0.1) mm                               | Relief - 85 mm  |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | (0.3) mm                               | Tapping M20     |
| 10.                        | Outside Diameter                             | 620 mm                                 | Deep - 18.5 mm  |
| 11.                        | Inside Diameter                              | 520 mm                                 | Tapping 10 of   |
| 12.                        | Width of die                                 | 222 mm                                 | Hobs - 12       |
| Inspected By (Sign) & Date |                                              | Jangir 25/4/25                         |                 |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 618.5 ± 0.05 - 618.5 ± 0.05 Tapper 12° |                 |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 618.5 ± 0.05 - 618.5 ± 0.05 Tapper 12° |                 |
| 3.                         | Finish size made by                          |                                        |                 |
| Inspected By (Sign) & Date |                                              | Jangir 25/4/25                         |                 |
| 1.                         | Supplied to (Customer Name)                  | Balaji Hatch - A.P                     |                 |
| 2.                         | Dispatch Date                                |                                        |                 |
| Reported By (Sign) & Date  |                                              | Jangir 25/4/25                         |                 |

1002 - CWPINK

Reviewed by (Engineer-CNC)

Manager-CNC