



# 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 (Polot Dies) after Hardening & Finishing

| S.No.                      | Check Parameter                              | Specification Observations | Remarks          |
|----------------------------|----------------------------------------------|----------------------------|------------------|
| 1.                         | Work order No.                               | 14738                      | 30/10            |
| 2.                         | Visual Inspection                            | OK - 3-0 mm (MJEW)         | Depth 14805 A    |
| 3.                         | Pellet Die No.                               | 14794                      | 17-02            |
| 4.                         | Hardened by                                  | h. n. k. finny             | Relief - OK      |
| 5.                         | Received by after hardening (Name)           | Janjir                     | (3-3) 2.3 mm     |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 50.9 - 51.5 HRC            | Relief 3.5 20 mm |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 50.9 - 51.5 HRC            | Counter - OK     |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | (0.5) mm                   | Rep - 640 mm     |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | (0.8) mm                   | Tapping M20      |
| 10.                        | Outside Diameter                             | 701 mm                     | Deep - 18.6 mm   |
| 11.                        | Inside Diameter                              | 600 mm                     | Tapping M10      |
| 12.                        | Width of die                                 | 265 mm                     | Holes - 16       |
| Inspected By (Sign) & Date |                                              | Janjir 14/5/25             |                  |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 700 ± 0.10 - 700 ± 0.10    | Tappes 12°       |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 700 ± 0.10 - 700 ± 0.10    | Tappes 12°       |
| 3.                         | Finish size made by                          |                            |                  |
| Inspected By (Sign) & Date |                                              | Janjir 14/5/25             |                  |
| 1.                         | Supplied to (Customer Name)                  | T.D. Arora feeds, PB       |                  |
| 2.                         | Dispatch Date                                |                            |                  |
| Reported By (Sign) & Date  |                                              | Janjir 14/5/25             |                  |

Reviewed by (Engineer-CNC)

Manager-CNC