



# 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

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

Rev. Date

31-07-2013

15459

| S.No.                      | Check Parameter                              | Specification Observations         | Remarks             |
|----------------------------|----------------------------------------------|------------------------------------|---------------------|
| 1.                         | Work order No.                               | 15722                              | 33/40               |
| 2.                         | Visual Inspection                            | ok - 3-0 mm (Jenick)               | new                 |
| 3.                         | Pellet Die No.                               | 15843                              | UT-OK               |
| 4.                         | Hardened by                                  | hark fenny                         | Relief - ok         |
| 5.                         | Received by after hardening (Name)           | Janjan                             | (2-2) 3 13 mm       |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 48.4 - 49.5 HRC                    | 7 mm                |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 48.2 - 48.7 HRC                    | Gentle - ok         |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | (0.1) mm                           | PCD - 350 mm        |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | (0.3) mm                           | Tapping $\phi$ 3/4" |
| 10.                        | Outside Diameter                             | 390 mm                             | Deep - 18-6 mm      |
| 11.                        | Inside Diameter                              | 310 mm                             | Tapping Holes       |
| 12.                        | Width of die                                 | 135 mm                             | Holes - ok          |
| Inspected By (Sign) & Date |                                              | Janjan 4/8/25                      |                     |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 381 $\pm$ 0.08 - 381 $\pm$ 0.09 mm |                     |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 381 $\pm$ 0.11 - 381 $\pm$ 0.12 mm |                     |
| 3.                         | Finish size made by                          |                                    |                     |
| Inspected By (Sign) & Date |                                              | Janjan 4/9/25                      |                     |
| 1.                         | Supplied to (Customer Name)                  | Smartech Industry, PB              |                     |
| 2.                         | Dispatch Date                                |                                    |                     |
| Reported By (Sign) & Date  |                                              | Janjan 4/9/25                      |                     |

Sats 4/9/25

Reviewed by (Engineer-CNC)

Manager-CNC