



# Lark Engineering Company (India) Pvt. Ltd.

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

10389

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<br>Observations | Remarks                     |
|----------------------------|----------------------------------------------|-------------------------------|-----------------------------|
| 1.                         | Work order No.                               | 13786                         | 60/60                       |
| 2.                         | Visual Inspection                            | OK 5.0 mm M-Jumbo             | (Zero) Drz No - LSR 413 HLB |
| 3.                         | Pellet Die No.                               | 14155                         | UT-OK                       |
| 4.                         | Hardened by                                  | Lark furnace                  | Relief OK                   |
| 5.                         | Received by after hardening (Name)           | Mahesh                        | No Reliefs                  |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 49.1 - 49.4 HRC               |                             |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 49.1 - 49.5 HRC               | PCP-640 mm                  |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | 0.6 mm                        | Counter OK                  |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | 0.3 mm                        | Tapping m 20                |
| 10.                        | Outside Diameter                             | 720 mm                        | Deep - 18.9                 |
| 11.                        | Inside Diameter                              | 600 mm                        | Tapping No of               |
| 12.                        | Width of die                                 | 92 mm                         | Hole - 12                   |
| Inspected By (Sign) & Date |                                              | Mahesh 24/03/25               |                             |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 690 +.10 +.11 Taper - 12'     | 21.00 (2) Step length 20.9  |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 690 +.11 +.10 Taper - 12'     | WP - 181                    |
| 3.                         | Finish size made by                          |                               |                             |
| Inspected By (Sign) & Date |                                              | Mahesh 24/03/25               |                             |
| 1.                         | Supplied to (Customer Name)                  | AFI oils Khanna               |                             |
| 2.                         | Dispatch Date                                |                               |                             |
| Reported By (Sign) & Date  |                                              | Mahesh 24/03/25               |                             |

100x2 - CWP/INK

Satya 24/3/25

Reviewed by (Engineer-CNC)

Manager-CNC