



# Lark Engineering Company (India) Pvt. Ltd.

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

10538

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.                               | 14575 to 14649                          | 36/40                |
| 2.                         | Visual Inspection                            | OK - 3.0 mm (center)                    | Deep Holes - 17.5 mm |
| 3.                         | Pellet Die No.                               | 14667                                   | UT-OK                |
| 4.                         | Hardened by                                  | Werk Feen                               | Relief - OK          |
| 5.                         | Received by after hardening (Name)           | J. Anjan                                | (2-2) 5 10 mm        |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 48.7 - 49.1 HR                          | 4 mm                 |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 47.7 - 48.2 HR                          | Counter - OK         |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | (0.2) mm                                | PCD - 484 mm         |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | (0.2) mm                                | Tapping M20          |
| 10.                        | Outside Diameter                             | 500 mm                                  | Deep - 16.5 mm       |
| 11.                        | Inside Diameter                              | 420 mm                                  | Tapping Holes        |
| 12.                        | Width of die                                 | 158 mm                                  | Holes - 8            |
| Inspected By (Sign) & Date |                                              | J. Anjan 19/4/25                        |                      |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 489 ± 0.2 - 489 ± 0.05 mm               |                      |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 489 ± 0.3 - 489 ± 0.05 mm               |                      |
| 3.                         | Finish size made by                          |                                         |                      |
| Inspected By (Sign) & Date |                                              | J. Anjan 19/4/25                        |                      |
| 1.                         | Supplied to (Customer Name)                  | Diamond feeds, MPTO Booster feed, Nepal |                      |
| 2.                         | Dispatch Date                                |                                         |                      |
| Reported By (Sign) & Date  |                                              | J. Anjan 19/4/25                        |                      |

1002 - CW/PINK

Reviewed by (Engineer-CNC)

Manager-CNC