



# 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

| S.No.                      | Check Parameter                              | Specification Observations | Remarks            |
|----------------------------|----------------------------------------------|----------------------------|--------------------|
| 1.                         | Work order No.                               |                            |                    |
| 2.                         | Visual Inspection                            | Tw to 155R                 | 36/10              |
| 3.                         | Pellet Die No.                               | OK - 4.0 mm CSSW           | ED 100% - 100%     |
| 4.                         | Hardened by                                  | 14627                      | UT-OK              |
| 5.                         | Received by after hardening (Name)           | Lark Berry                 | Relief - OK        |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 50.6 - 50.9 HRC            | (3-3) 2 18mm       |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 50.3 - 50.9 HRC            | Relief 4.5 5 14mm  |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | (0.1) mm                   | Counter - OK       |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | (0.2) mm                   | PCD - 585 mm       |
| 10.                        | Outside Diameter                             | 620 mm                     | Tapping M20        |
| 11.                        | Inside Diameter                              | 520 mm                     | Deep - 18-4 mm     |
| 12.                        | Width of die                                 | 222 mm                     | Tapping Holes - 12 |
| Inspected By (Sign) & Date |                                              | Jagjit 5/8/25              |                    |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 610 ± 0.3 - 610 ± 0.3 mm   |                    |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 610 ± 0.2 - 610 ± 0.3 mm   |                    |
| 3.                         | Finish size made by                          |                            |                    |
| Inspected By (Sign) & Date |                                              | Jagjit 5/8/25              |                    |
| 1.                         | Supplied to (Customer Name)                  | Tw to Sanyam Poultry. HR   |                    |
| 2.                         | Dispatch Date                                |                            |                    |
| Reported By (Sign) & Date  |                                              | Jagjit 5/8/25              |                    |

Reviewed by (Engineer-CNC)

Manager-CNC