



# 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.                               |                               | 10901                |                         |
| 2.                         | Visual Inspection                            |                               | ok - 4.0 mm (Series) | 40/40                   |
| 3.                         | Pellet Die No.                               |                               | 10732                | Dangrth hark steel      |
| 4.                         | Hardened by                                  |                               | hark Purnoo          | UT-OK                   |
| 5.                         | Received by after hardening (Name)           |                               | Jayju                | Relief - ok             |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    |                               | 52-9-54.0 HRC        | (2-2) > 4.0mm<br>3      |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    |                               | 52-4-52.5 HRC        | Relief 4.5<br>MIL       |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side |                               | (0.1) mm             | Gautu - ok              |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side |                               | (0.2) mm             | PCD - 474 mm            |
| 10.                        | Outside Diameter                             |                               | 500 mm               | Tapping M20             |
| 11.                        | Inside Diameter                              |                               | 420 mm               | Deep - 17 mm            |
| 12.                        | Width of die                                 |                               | 158 mm               | Tapping M16<br>Hole - 8 |
| Inspected By (Sign) & Date |  | Jayju 28/12/23                |                      |                         |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 489 ± 0.05 ± 0.05 mm          |                      |                         |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 489 ± 0.05 ± 0.05 mm          |                      |                         |
| 3.                         | Finish size made by                          |                               |                      |                         |
| Inspected By (Sign) & Date |  | Jayju 28/12/23                |                      |                         |
| 1.                         | Supplied to (Customer Name)                  | Hord Krishna feeds, Rajasthan |                      |                         |
| 2.                         | Dispatch Date                                |                               |                      |                         |
| Reported By (Sign) & Date  |  | Jayju 28/12/23                |                      |                         |

Reviewed by (Engineer-CNC)  
Soty 28/12/23

Manager-CNC