



**BT ENGINEERING WORKS BT 10 DH OFFSET DISC HARROW  
(Tractor Mounted)**



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग

Department of Agriculture, Cooperation and Farmers Welfare

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आं. प्र.)

Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in>

/E-mail: [fmti-sr@nic.in](mailto:fmti-sr@nic.in)

Tele./FAX: 08551-28644

<b>IMP-530/1118</b>	<b>BT ENGINEERING WORKS BT 10 DH OFFSET DISC HARROW (Tractor Mounted)</b>	<b>COMMERCIAL (ICT)</b>
---------------------	---	-------------------------

Manufacturer : M/s. BT Engineering Works,  
SJM College, Holalkere Road, Near  
Kanive, Chitradurga - 577 501, Karnataka,  
**INDIA.**

Applicant : The Manufacturer

**BT ENGINEERING WORKS BT 10 DH OFFSET DISC HARROW  
(TRACTOR MOUNTED)**

Report No.: IMP-530/1118

Month: February

Year: 2020



**Government of India  
Ministry of Agriculture and Farmers Welfare  
Department of Agriculture, Cooperation and Farmers Welfare  
Southern Region Farm Machinery Training and Testing Institute  
Tractor Nagar, Garladinne-515 731, District: Anantapur (A.P.)  
[An ISO 9001:2015 CERTIFIED INSTITUTION]**

Telephone: 08551-286441  
Website: <http://srfmtti.dacnet.nic.in/>

Fax: 08551-286441  
E-mail: [fmti-sr@nic.in](mailto:fmti-sr@nic.in)

<b>IMP- 530/1118</b>	<b>BT ENGINEERING WORKS BT 10 DH OFFSET DISC HARROW (Tractor Mounted)</b>	<b>COMMERCIAL (ICT)</b>
--------------------------	---	-----------------------------

## **10. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION**

- 10.1 The specification for agricultural tillage disc conforms to the requirements of IS: 4366 (Part-1)-1985.
- 10.2 The specification of disc harrow does not conform, in full, to the requirements of IS: 6635 - 1972. This should be looked into for corrective action.
- 10.3 The specification of implement hitch does not conform fully to the IS: 4468 (Pt-I)-1997. It is recommended that the same should be provided conforming to the relevant Indian Standards.
- 10.4 The specification of plain spool does not conform, in full, to the requirements of IS: 7230-1974. This should be looked into for corrective action.
- 10.5 The specification of bearing spool does not conform, in full, to the requirements of IS: 10225-1982. This should be looked into for corrective action.
- 10.6 The hardness of disc was recorded as 450.2 to 532.2 HB, against the requirement of 353 to 421 HB. This should be looked into for necessary improvements in the quality of material of discs.
- 10.7 Chemical composition of disc except carbon content conforms to the requirement of IS: 9442-1980 (Reaffirmed 2001). Therefore this should be looked into for corrective action.
- 10.8 Provided labeling plate should be as per the requirement of IS.

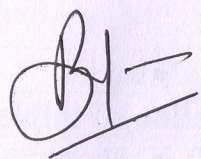
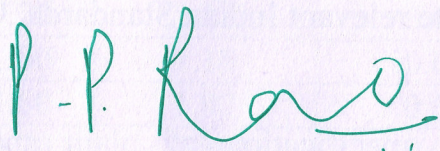


IMP- 530/1118	BT ENGINEERING WORKS BT 10 DH OFFSET DISC HARROW (Tractor Mounted)	COMMERCIAL (ICT)
------------------	---	---------------------

#### 10.9 Adequacy of literature:

Operation manual, Service manual, Maintenance manual and Spare parts catalogue of disc harrow in English was provided in single booklet form for reference during the test. However, this may be brought out in Hindi and other regional languages as per IS: 8132- 1999 (Reaffirmed 2004) for the sake of user & technical personnel.

#### TESTING AUTHORITY:

B.N. DIXIT AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

#### 11. APPLICANT'S COMMENTS

All your comments and suggestions are highly helpful for us to improve our product in future.