

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)  
COMMERCIAL TEST REPORT  
(INITIAL)

संख्याNo: Machine-437/1395  
माहMonth: July, 2022  
Validity: 30.06.2027



## ROVER MTD R-S436 BRUSH CUTTER



भारत सरकार

**Government of India**

कृषि एवं किसान कल्याण मंत्रालय

**Ministry of Agriculture and Farmers Welfare**

कृषि एवं किसान कल्याण विभाग

**Department of Agriculture 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 (आ. प्र.)

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

**[An ISO 9001:2015 CERTIFIED INSTITUTE]**

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

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Tele.: 08551-286441

<b>Machine-437/1395</b>	<b>ROVER MTD R-S436 BRUSH CUTTER</b>	<b>COMMERCIAL (ICT)</b>
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Name of Manufacturer : M/s. MTD Machinery Suzhou Co .Ltd  
No.18 Ruipu Roaad , EPZ ZONE B  
Suzhou, Jiangsu, Province, **China**

Name of Applicant : M/s. MTD Products India Private Limited  
Gat No. 53/01 , Pune Nasik Highway ,  
New Vijay Logistics , Kuruli , Tal. Khed ,  
Dist Pune. Maharashtra 410501

### **ROVER MTD R-S436 BRUSH CUTTER**

Report No.: **Machine-437/1395**

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सत्यमेव जयते

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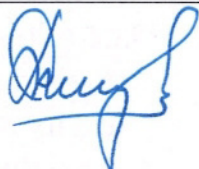
### **16. COMMENTS & RECOMMENDATIONS**

- 16.1** The safety provisions, as mentioned at para 5.14, have been provided by the applicant for safety aspect of operator's.
- 16.2** Max. Noise at operator's ear level was observed as 90 dB (A), which is on higher side. Therefore, suitable corrective action should be taken to reduce the noise level.
- 16.3** The equivalent mechanical vibration on engine cover was observed to the extent of 442 micron. This should be looked into for dampening the vibration.
- 16.4** It was observed that the capacity of fuel tank of this machine is only 0.7 liter. This may looked into for corrective action.
- 16.5** A fuel on/off knob may be considered for providing in the fuel system of engine.
- 16.6** The hardness of rotary blades do not conform to the requirement of IS 6690:1981 (Reaffirmed: 2017). This should be looked into for corrective action.
- 16.7** The chemical composition of square blade and circular disc were not as per requirement of the relevant code IS 6025:1982 (Reaffirmed: 2019) & therefore it should be looked into for the corrective action.
- 16.8** The provided labeling plate should be as per the requirement of the IS. Engine serial no and make , model of engine should be given with embossing on engine body instead of sticker during production level

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- 6.6 The hardness of rotary blades do not conform to the requirement of IS 6690:1981 (Reaffirmed: 2017). This should be looked into for corrective action.
- 6.7 The chemical composition of square blade and circular disc were not as per requirement of the relevant code IS 6025:1982 (Reaffirmed: 2019) & therefore it should be looked into for the corrective action.
- 6.8 The provided labeling plate should be as per the requirement of the IS. Engine serial no and make , model of engine should be given with embossing on engine body instead of sticker during production level
- 6.9 **Adequacy of literature supplied with the machine:**  
The User's manual and spare parts list of brush cutter and engine in English were supplied with the brush cutter for reference during the test. It is however, recommended that same may be revised and brought out as per IS: 8132- 1999 (Reaffirmed:2019) for the sake of user & technical personnel.

**TESTING AUTHORITY**

B. N. DIXIT AGRICULTURAL ENGINEER	
P. KAMALABAI SENIOR AGRICULTURAL ENGINEER	
K.K. NAGLE DIRECTOR	

**17. Applicants Comments**

Para No.	Our Ref. No.	Applicants comments
17.1	11.1.1	We will improve in mass production. We have already informed to our factory and production tram will improve
17.2	11.1.2	We will improve in mass production.
17.3	11.2.2	We will improve in mass production.
17.4	11.2.3	Will improve in mass production

