

व्यावसायिकपरीक्षणरिपोर्ट (प्रारंभिक)  
COMMERCIAL TEST REPORT  
(INITIAL)

संख्या/No: Machine-511/1533

माह:/Month: August , 2023

THIS REPORT IS VALID UPTO: 31/07/ 2028



**BRUSH CUTTER  
VIJAY KRUSHI AVAJARE VKA-35**



भारतसरकार

**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**

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Machine- 511/1533	<b>VKA-35 BRUSH CUTTER</b>	<b>COMMERCIAL (ICT)</b>
	<b>This report is valid up to: 31.07.2028</b>	

Name of Manufacturer : M/s. Taizhou Dongfeng Technology Co . Ltd, 289 Houcang Road , Zeguo Town , Wenling City, Taizhou, Zheziang Province ,**PRC**

Name of Applicant : M/s. Vijay Krushi Avajare , Ward No.12/57/75, Rajaram Stadium , Gala Ichalalkaranji, Kolhapur . Maharashtra ,416115, India

### VKA-35 BRUSH CUTTER

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**Government of India**

**Ministry of Agriculture and Farmers Welfare**

**Department of Agriculture and Farmers Welfare**

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Machine- 511/1533	<b>VKA-35 BRUSH CUTTER</b>		<b>COMMERCIAL (ICT)</b>
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**Big end bearings:**

Bearing No.	Type of bearings		Max. permissible clearance limit, (mm)	
			Diametrical c	Axial
	Diametrical	Axial	0.146	1.10
1.	*	0.33		


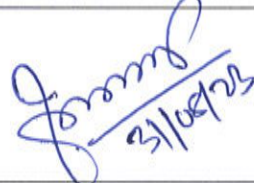
\*Measurement of big end bearing clearance not possible ,as the piston along with connecting rod could not detachable

**16. COMMENTS & RECOMMENDATIONS**

- 16.1 The safety provisions, as mentioned at Para 5.14, have been provided by the applicant for safety aspect of operators.
- 16.2 The equivalent mechanical vibration on engine cover was observed to the extent of 265 micron. This should be looked into for dampening the vibration.
- 16.3 A fuel on/off knob may be considered for providing in the fuel system of engine.
- 16.4 The hardness of blades do not conform to the requirement of IS 6690:1981 (Reaffirmed: 2017). This should be looked into for corrective action.
- 16.5 The chemical composition of square blade is not as per requirement of the relevant code IS 6025:1982 (Reaffirmed: 2019) & therefore it should be looked into for the corrective action.
- 16.6 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
- 16.7 **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.

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**TESTING AUTHORITY**

D.C. MOULI AGRICULTURAL ENGINEER	
DR. B.M. NANDEDE DIRECTOR	

17.	<b>Applicant Comments</b>
We have gone through all your comments and we will inform our manufacturing facility about your comments and recommendation.	

