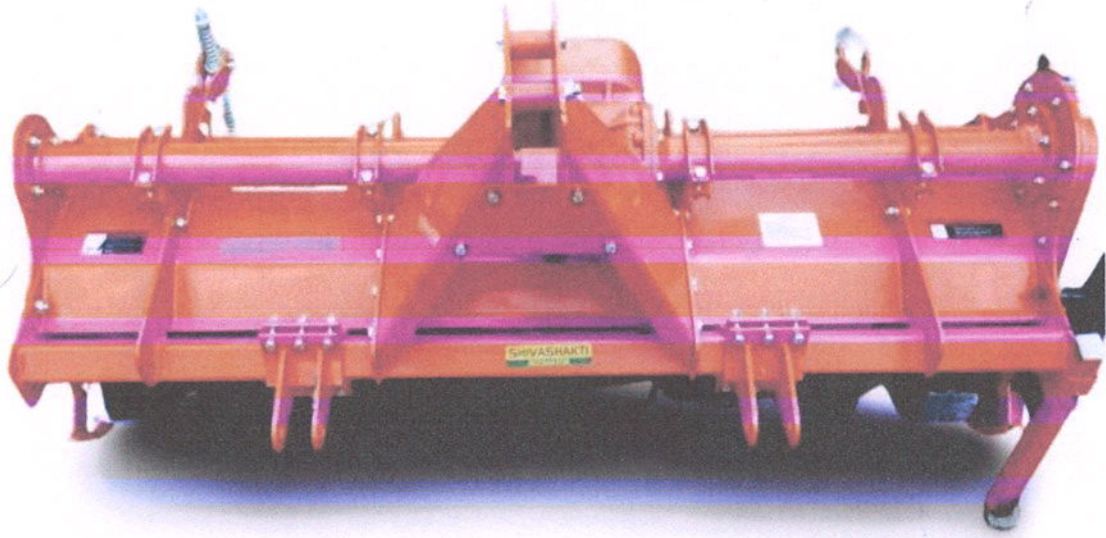


**THIS TEST REPORT IS VALID UP TO 31.07.2031**



**SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR**



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 (आं. प्र.)

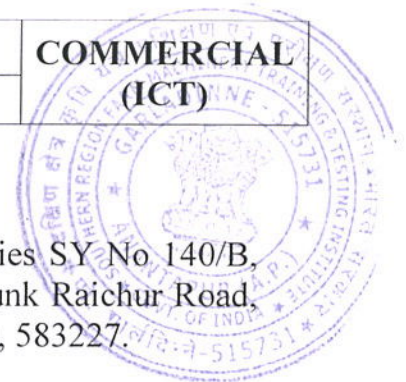
**Tractor Nagar, Garladinne-515 731, District: Anantapur (A.P.)**

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

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

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

IMP-400/1692	SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UPTO 31.07.2031	



Manufacturer, (apa) : M/s. Sri Laxmi Sales Agencies SY No 140/B,  
Opp Venkateshwar Petrol Bunk Raichur Road,  
Gngavati, Koppal, Karnataka, 583227.

Name of the applicant : The Manufacturer

**SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR**

Report No. : IMP-400/1692

Month: August

Year: 2024

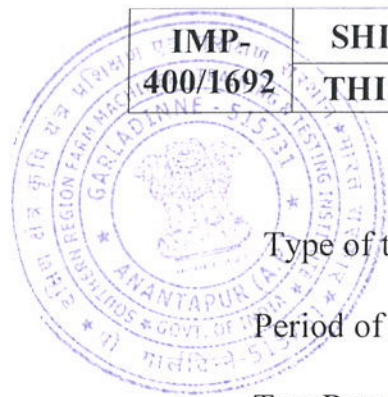


सत्यमेव जयते

**Government of India**  
**Ministry of Agriculture and Farmers Welfare**  
**Department of Agriculture 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 INSTITUTE]**

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

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



<b>IMP-400/1692</b>	<b>SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR</b>	<b>COMMERCIAL (ICT)</b>
	<b>THIS TEST REPORT IS VALID UPTO 31.07.2031</b>	

Type of test : COMMERCIAL (ICT)  
Period of test : June, 2024 to July, 2024  
Test Report No. : **IMP-400/1692**  
Month /Year of release : August, 2024

- i) The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- ii) The data given in this report pertain to the particular machine randomly selected for test by the testing authority by virtual mode.
- iii) The results presented in this report do not, in any way, attribute to the durability of the machine.
- iv) This report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training and Testing Institute, Garladinne, Anantapur (A.P.).
- v) This is a report on commercial test of rotavator named "**SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR**". This report is valid up to **31.07.2031**, Vide Ministry's O.M. No. 13-22/2020-M&T (I&P) dated 12.12.2023

### SELECTED CONVERSIONS

Sl. No	Units	Conversion Factor
<b>1</b>	<b>Force</b>	
	1 kgf	9.80665 N 2.20462 lbf
<b>2</b>	<b>Power</b>	
	1 hp	1.01387 metric hp (Ps) 745.7 W
	1 Ps	735.5 W
	1 Kw	1.35962 Ps
<b>3</b>	<b>Pressure</b>	
	1 psi	6.895 kPa
	1 kgf/cm <sup>2</sup>	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm <sup>2</sup>
	1 mm of Hg	1.3332 m-bar

IMP-400/1692	SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UPTO 31.07.2031	




1	2	3	4	5
19	Literature	Operator manual, service manual and parts catalogue should be provided	Not provided	Does Not Conform

#### 14. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

- 14.1 No ingress of dust and water/mud in primary reduction gear box, secondary reduction gear box, and rotary axle bearing cap was observed.
- 14.2 Breather caps, oil level dipstick in primary and secondary gearbox are provided.
- 14.3 The chemical composition of rotor blades does not meet, in full, the requirement of IS: 6690-1981. This should be looked into for corrective action.
- 14.4 It is recommended to provide a device for changing the rotor speed to suit wider range of soil and soil moisture conditions.
- 14.5 Safety device is provided in rotavator propeller shaft.
- 14.6 Provision for parking stand is provided in rotavator.
- 14.7 **Adequacy of literature:**  
 User's manual is not provided during the test. However, the same must be brought out in Hindi & other regional languages as per IS 8132:1999 (Reaffirmed 2004) for the guidance of users.  
 The following literature should be provided.
- i) Service manual
  - ii) Parts catalogue

IMP- 400/1692	SHIVA SHAKTHI, SLSA 6 FTGD ROTAVATOR	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UPTO 31.07.2031	

### TESTING AUTHORITY

<p>Er. PRAMOD YADAV AGRICULTURAL ENGINEER</p>	
<p>Dr. B.M. NANDEDE DIRECTOR</p>	 

### 15. APPLICANT COMMENTS

Nil