

व्यावसायिक परीक्षण रिपोर्ट  
COMMERCIAL TEST REPORT  
(INITIAL)

संख्या / No: IMP-542/1167  
माह / Month: June, 2020  
Validity: 31.05.2027



**SRI VENKATESHWARA SVEW-45CM PHD POST HOLE DIGGER**  
(Tractor Mounted, PTO Operated)



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: 08551-286441

<b>IMP-542/1167</b>	<b>SRI VENKATESHWARA SVEW- 45CM PHD POST HOLE DIGGER (Tractor Mounted, PTO Operated)</b>	<b>COMMERCIAL (ICT)</b>
---------------------	--	-------------------------

Manufacturer : M/s. Sri Venkateshwara Engineering Works, Harihara Main Road, Gollarahalli, Honnali – 577 217, Davanagere (Dist.), Karnataka, **India.**

Applicant : The Manufacturer

**SRI VENKATESHWARA SVEW-45CM PHD POST HOLE DIGGER**  
(Tractor Mounted, PTO Operated)

Report No.: IMP-542/1167

Month: June

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 INSTITUTE]**

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-542/1167</b>	<b>SRI VENKATESHWARA SVEW- 45CM PHD POST HOLE DIGGER (Tractor Mounted, PTO Operated)</b>	<b>COMMERCIAL (ICT)</b>
---------------------	--	-------------------------

<b>Pointer:</b>					
1	200	198.32	1.68	0.84	0.03

The hourly percentage wear of blade on dimension basis was recorded as 0.03 to 3.88 %  
 \*Blades of outer most edges of both side weared out completely due to operation in stony soil.

### **7. EASE OF OPERATION & ADJUSTMENTS**

No noticeable difficulty was observed during the operation and adjustment of posthole digger.

### **8. DEFECTS, BREAKDOWNS AND REPAIRS**

No noticeable defect occurred in the posthole digger during the entire test.



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

- 9.1 The specification of implement hitch does not conform fully to the IS 4468 (Pt-I):1997 (Reaffirmed 2012).
- 9.2 Provisions for breather cap, oil level dipstick in gearbox should be provided.
- 9.3 Dimensions of PIC is not conforming in full to IS 4931:1995. This should be looked into for corrective action.
- 9.4 Hardness of the augur blade conforms to the requirement of IS 6690:1981 (Reaffirmed in 2012).
- 9.5 Only carbon content of augur blade is not conforming to the requirement of IS 6690:1981 (Reaffirmed 2012). This should be looked into for corrective action.
- 9.6 The provided labeling plate should be as per the requirement of IS.

<b>IMP-542/1167</b>	<b>SRI VENKATESHWARA SVEW- 45CM PHD POST HOLE DIGGER (Tractor Mounted, PTO Operated)</b>	<b>COMMERCIAL (ICT)</b>
---------------------	--	-------------------------

Operation/Instruction manual cum parts catalogue of post hole digger 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>B.N. DIXIT</b> AGRICULTURAL ENGINEER	
<b>Dr. P.P. RAO</b> DIRECTOR	

**10. APPLICANT'S COMMENTS**

"All your suggestions are noted and they are very useful for us to improve our future products".