

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

संख्या/No: IMP-540/1157  
माह/ Month: May, 2020  
Validity: 30.04.2027



**AES 20 SINGLE SPEED GEAR DRIVE ROTAVATOR  
(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]

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Tele./FAX: 08551-286441

<b>IMP- 540/1157</b>	<b>AES 20 SINGLE SPEED GEAR DRIVE ROTAVATOR (Tractor Mounted, PTO Operated)</b>	<b>COMMERCIAL (ICT)</b>
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Manufacturer : M/s. Amman Engineering service,  
D-334/4, Vigneshwara Nagar,  
Vadugapalayam Pudur, Tirupur Main Road,  
Gobichettipalayam-638 452, Erode Dist.,  
Tamil Nadu, **India.**

Applicant : The Manufacturer

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


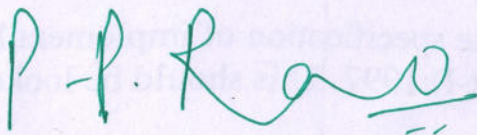
- 13.1 No ingress of dust and water/mud in primary reduction gear box, secondary reduction gear box, and rotary axle bearing cap was observed.
- 13.2 Provisions for breather cap in primary and secondary gearbox are provided.
- 13.3 The specification of implement hitch is not conforming in full to the IS 4468 (Pt-I):1997. This should be looked into for corrective action.
- 13.4 Dimensions of PIC is not conforming in full to IS 4931:1995. This should be looked into for corrective action.
- 13.5 Dimensions of PIC yoke is not conforming in full to IS 4931:1995. This should be looked into for corrective action.
- 13.6 Safety device is provided in rotavator propeller shaft.
- 13.7 Provision for parking stand is provided in rotavator.

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**13.9 Adequacy of literature:**

Operator's manual and parts catalogue of the Rotavator in English was provided in single booklet form for reference during the test. However, it should 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	

**14. APPLICANT'S COMMENTS**

"We will modify our future rotavator as per your suggestions while manufacturing the rotavator"