

**GAYATHRI ENGINEERING WORKS GEW 42 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

ट्रेक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आ. प्र.)

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

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<b>IMP-532/1123</b>	<b>GAYATHRI ENGINEERING WORKS GEW 42 ROTAVATOR (Tractor Mounted, PTO Operated)</b>	<b>COMMERCIAL (ICT)</b>
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Manufacturer : M/s. Gayathri Engineering Works,  
Sy. No.: 464-2, Mohanraja Reddy  
Complex - 2, Near TV Tower,  
Anantapur Dist - 515 002,  
Andhra Pradesh, India.

Applicant : The Manufacturer

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Report No. : IMP-532/1123

Month: February

Year: 2020



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<b>12.8</b>	<b>CATEGORY OF BREAKDOWNS/DEFECTS</b>				
	Category of breakdown	Category (Evaluative/non-evaluative)	Requirements	As observed	Whether meets the requirement (Yes/No)
i)	Critical breakdown	Evaluative	No critical breakdown	None	Yes
ii)	Major breakdowns	Evaluative	Not more than one and neither of them should be repetitive in nature	None	Yes
iii)	Minor breakdowns	Evaluative	Not more than three and frequency of each should not be more than two	None	Yes
iv)	Total breakdowns	Evaluative	In no case, the total number of breakdowns should exceed four, that is (1 major+3 minor) or 4 minor breakdowns	Nil	Yes

### **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, oil level dipstick 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.

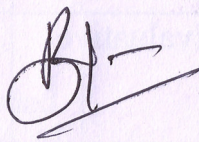

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13.7 Provision for parking stand is provided in rotavator.

### 13.8 Adequacy of literature:

Operator's manual, service manual and parts catalogue of the Rotavator in English were provided in single booklet form for reference during the test. However, this 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>B.N. DIXIT</b> <b>AGRICULTURAL ENGINEER</b>	
<b>Dr. P.P. RAO</b> <b>DIRECTOR</b>	

### 14. APPLICANT'S COMMENTS

"Your suggestions are noted, we will make all possible necessary changes in future production".