

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

संख्या/No: T-79/1365  
माह/Month: April , 2022  
Validity: 31.03.2029



**BALAJI AGRO INDUSTRIES BAI 5 TT TIPPING TRACTOR TRAILER**



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, गार्लादिन्ने - 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.: 08551-286441

<b>T-79/1365</b>	<b>BALAJI AGRO INDUSTRIES BAI 5 TT TIPPING TRACTOR TRAILER</b>	<b>COMMERCIAL (ICT)</b>
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Manufacturer : M/S. Balaji Agro Industries  
Ground Floor, Property No 6/694, Hissa No 1,  
Pune Nagar Road, Wagholi, Pune, District-Pune,  
Maharashtra - 412 507, India

Applicant : The Manufacturer

**BALAJI AGRO INDUSTRIES BAI 5 TT TRAILER/TROLLEY**

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




- 12.1 Dimensional requirements of single axle (semitrailer) Conforms to IS 8213:2020.
- 12.2 To protect from mud and soil the rubber flaps are provided at rear end of the wheels.
- 12.3 The lighting arrangement of trailer is not provided as per IS 8213:2020. This should be looked into for corrective action.
- 12.4 The specification of trailer does not conform in full, to the IS 8213:2020. This should be looked into for corrective action.
- 12.5 The dimensions of hydraulic tipping cylinder does not meet, in full to the requirement of IS 12371:2019. This should be taken care for corrective action
- 12.6 The dimensions of ring type hitch does not meet, in full, the requirement of IS 11270:1980 (Reaffirmed 2019). This should be taken care for corrective action.
- 12.7 The dimensions of various components of axle assembly do not conform, in full, the requirement of IS 8213:2000. This should be looked into for corrective action.
- 12.8 The Slow moving emblem & T sign is not provided. This may be provided
- 12.9 An axle assemble is not designed by its class and wheel track. This should be looked into corrective action.

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**12.10 Adequacy of literature:**

Service manual parts catalogs of trailer were provided form which is not adequate. However, operation manual and parts catalogue be brought out in Hindi and other regional languages in **booklet form** as per IS 8132: 1999 (Reaffirmed 2019) for the sake of user & technical personnel.

**TESTING AUTHORITY:**

B.N. DIXIT AGRICULTURAL ENGINEER	
P.C.MESHRAM SENIOR AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

**13. APPLICANTS COMMENTS**

Para No.	Our Ref. No.	Applicants comments
13.1	12.3 & 12.9	We will correct it as per the IS
13.2	12.10	We will provide the literature as per IS 8132:1999(Reaffirmed 2019)