

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

संख्या/No: T-56/1144
माह/Month: April, 2020
Validity: 31.03.2027



**THE TRICHY AGRO TAI-5 TON
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

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T-56/1144	THE TRICHY AGRO TAI-5 TON TIPPING TRACTOR TRAILER	COMMERCIAL (ICT)
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Manufacturer : M/s. The Trichy Agro,
18/5, Dindugal main road,
Pirattiyur, Trichy-620 009,
Tamil Nadu, **India.**

Applicant : The Manufacturer

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9. EASE OF OPERATION & ADJUSTMENTS

No difficulty was observed during the operation and adjustment of Trailer.

10. DEFECTS, BREAKDOWNS AND REPAIRS

No defect/breakdown and repair was occurred during entire period of testing.

11. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION



- 11.1 The provided hitch on the trailer is rotatable type, but there is no shock absorbing arrangement is provided in it. This should be looked into for corrective action.
- 11.2 To protect from mud and soil the rubber flaps are provided at rear end of the wheels.
- 11.3 Dimensional requirements of single axle (semitrailer) conforms to IS 8213:2000.
- 11.4 Lighting arrangement is not provided as per IS 8213:2000. This should be locked into for corrective action.
- 11.5 The specification of trailer does not conform in full, to the IS 8213:2000. This should be looked into for corrective action.
- 11.6 The dimensions of hydraulic tipping cylinder does not meet, in full to the requirement of IS 12371:1988. This should be taken into for corrective action.
- 11.7 The dimensions of ring type hitch does not meet, in full, the requirement of IS 11270:1980 (Reaffirmed 1999). This should be taken into for corrective action.
- 11.8 The dimensions of various components of axle assembly do not conform, in full, the requirement of IS 8213:2000. This should be taken into for corrective action.
- 11.9 The provided labeling plate should be as per the requirement of IS.

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11.10 Adequacy of literature:

Operation manual, Service manual, and parts catalogue of trailer 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.N. DIXIT AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

12. APPLICANT'S COMMENTS

Para No.	Our reference	Applicant's comments
12.1	11.1	Here after we will correct hitch pin providing system
12.2	11.2	Here after we provide the rubber flaps for rear end of the Wheels.
12.3	11.5	The specification of trailer as per IS 8213:2000. It should be Corrective action for further production.
12.4	11.6	In Future Dimensions Of Hydraulic Tipping Cylinder Should Meet As Per IS 12371:1988.
12.5	11.7	We modify this ring to meet in full requirements of IS 11270:1980.
12.6	11.8	We modify the components of axle assembly should confirm as per IS 8213:2000.
12.7	11.9	Providing the labeling plate as per the requirements of IS.
12.8	11.10	In future we provide parts catalogue all languages as per IS 8132:1999.