

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

संख्या/No: T-65/1258
माह/Month: March, 2021
Validity: 28.02.2028



**MADINA WELDING WORKSHOP, MWW 5 TNE
FIVE TONNE 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, 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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T-65/1258	MADINA WELDING WORKSHOP, MWW 5 TNE FIVE TONNE TIPPING TRACTOR TRAILER	COMMERCIAL (ICT)
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Manufacturer : M/s. Madina Welding Workshop,
Kaginali Road, Mallur, Taluk Byadgi,
Karnataka-581 106, **India**.

Applicant : The Manufacturer

Madina Welding Workshop, MWW 5 TNE Five Tonne Tipping Tractor Trailer
Report No. : T-65/1258 Month: March Year: 2021



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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 To protect from mud and soil the rubber flaps are provided at rear end of the wheels.
- 11.2 A dimensional requirement of single axle (semitrailer) conforms to IS 8213:2000.
- 11.3 The lightening arrangement of trailer is not provided as per IS 8213:2000. This should be looked into for corrective action.
- 11.4 The specification of trailer does not conform in full, to the IS 8213:2000. This should be looked into for corrective action.
- 11.5 The dimension of hydraulic tipping cylinder does not meet, in full to the requirement of IS 12371:1988. This should be taken care for corrective action
- 11.6 The dimensions of ring type hitch does not meet, in full, the requirement of IS 11270:1980 (Reaffirmed 1999). This should be taken care for corrective action.
- 11.7 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.
- 11.8 The provided labeling plate should be as per the requirement of IS.
- 11.9 Slow moving emblem at back side of trailer may provide at production level.




11.9 Adequacy of literature:

The provided literatures are not found adequate. Operation manual, Service manual, maintenance manual and parts catalogue of trailer in English are required to provide for easy use of users in separate booklets. 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 in booklets form with specially inclusion of

- Safety details
- Safe operating speed

Recommendation of load for haulage test etc.

TESTING AUTHORITY:

D.C. MOULI AGRICULTURAL ENGINEER	
P.C. MESHARAM SENIOR AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

12. APPLICANT'S COMMENTS

We have gone through the draft test report. We will work on your suggestions and we will do all necessary possible changes in future production.