

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)

COMMERCIAL TEST REPORT (ICT)

संख्या/No: TT/SRFMTTI,

ANANTAPUR/2025-26/15/15/1940

माह/Month: November, 2025

THIS TEST REPORT IS VALID UP TO 31.10.2032



DHAKSHA TRAILERS, DT-5T TRACTOR TRAILER



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि एवं किसान कल्याण विभाग

Department of Agriculture 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 (आ. प्र.)

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

[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in/>

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TT/SRFMTTI, ANANTAPUR/2025-26/ 15/15/1940	DHAKSHA TRAILERS, DT-5T TRACTOR TRAILER THIS TEST REPORT IS VALID UPTO 31.10.2032	
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Manufacturer : M/s. Dhaksha Trailers and Farm Equipment's,
 Bhagirath Circle, NH 206. Hulakin kallu, Kadur-
 577 548. Chikkamagaluru Dist. Karnataka (State),
 India.
Applicant : The Manufacturer

DHAKSHA TRAILERS, DT-5T TRACTOR TRAILER

Report No.: TT/SRFMTTI, ANANTAPUR/2025-26/15/15/1940

Month: November


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Type of test : COMMERCIAL (ICT)

Period of test : October, 2025


Test Report No. : **TT/SRFMTTI, ANANTAPUR/2025-26/15/15/1940**

Month / Year of release : November, 2025

- i) The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- ii) The test sample was selected randomly through virtual mode by institute.
- iii) The results presented in this report do not, in any way, attribute to the durability of the machine.
- iv) This report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training and Testing Institute, Garladinne, Anantapur (A.P.).
- v) This is a report on Commercial Test of tractor trailer name "**DHAKSHA TRAILERS, DT-5T TRACTOR TRAILER**". This report is valid up to **31.10.2032**. Vide Ministry's O.M. No. 13-22/2020-M&T (I&P) dated 12.12.2023.

SELECTED CONVERSIONS

S. No	Units	Conversion Factor
1	Force	
	1 kgf	9.80665 N
		2.20462 lbf
2	Power	
	1 hp	1.01387 metric hp (Ps)
		745.7 W
	1 Ps	735.5 W
	1 kW	1.35962 Ps
3	Pressure	
	1 psi	6.895 kPa
	1 kgf/cm ²	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm ²
	1 mm of Hg	1.3332 m-bar

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Type of test	: COMMERCIAL (ICT)
Name of machine	: Tractor Trailer 5 Tonnes
Make	: DHAKSHA TRAILER
Model	: DT-5T
Type, (apa)	: 5 tonne trailers for all types of goods and agricultural transportation, rectangular shape and rear side tipping.
Manufacturer	: M/s. Dhaksha Trailers and Farm Equipment's, Bhagirath Circle, NH 206. Hulakin kallu, Kadur-577 548. Chikkamagaluru Dist. Karnataka (State), India.
Applicant	: The Manufacturer



TESTED BY

Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture and Farmers Welfare
Southern Region Farm Machinery Training and Testing Institute
Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)
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1	2	3	4	
6	GVM (gross vehicle weight) or RLW (registered laden weight) as certified by the manufacturer	6150-kgs (GVM)	Not provided	Does not conforms
7	Number, description, size and ply rating of tyre as declared by the manufacturer	9.00-200, 16 PR	Two 9.00-20, 16	Conforms
8	Overall length, mm	2000 to 4100	4270	Does not conform
9	Overall width, mm	900 (min) to be checked	1970	Conforms
10	Overall height, mm	600 (min)	2000	Conforms
11	Min, ground clearance, mm	300 (min)	400	Conforms
12	Marking /labeling of machine	The labeling plate should be riveted on the body of machine having name and address of manufacturer, country of origin, make, model, month & year of manufacturer, serial number, required size of prime mover (kW), weight (kg)	Provided	Conforms

12. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION

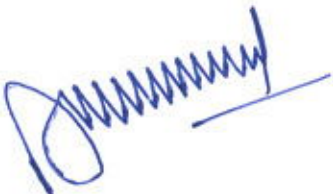



- 12.1** Lighting arrangement for trailer is not provided as per IS 8213:2000 (Reaffirmed 2020). This should be taken care for corrective action.
- 12.2** The dimensions of hydraulic tipping cylinder do not meet, in full, to the requirement of IS 12371:1988 (Reaffirmed 2019). This should be taken care for corrective action.
- 12.3** The dimensions of ring type hitch does not meet, in full, the requirement of IS 11270:1985 (Reaffirmed 2019). This should be taken care for corrective action.
- 12.4** The dimension of various components of axle assembly does not conform, in full, the requirement of IS 8213:2000 (Reaffirmed 2020). This should be taken care for corrective action.

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12.5 Adequacy of literature:

Service manual and parts catalogues of trailer were provided. Operation manual and parts catalogue should be brought out in Hindi and regional languages as per IS 8213:2000 (Reaffirmed 2020) for the sake of user & technical personnels.

TESTING AUTHORITY

 Er. PRAMOD YADAV AGRICULTURAL ENGINEER	 Er. Y. K. RAO SENIOR AGRICULTURAL ENGINEER
 Dr. P.P. RAO DIRECTOR 	

13. APPLICANT COMMENTS

Reference No.	Applicant Comments
12.1	We will take corrective action to meet the requirement as per IS 8213:2000 (Reaffirmed 2020) in future production.
12.2	We will take corrective action to meet the requirement as per IS 12371:1988 (Reaffirmed 2019) in future production.
12.3	We will take corrective action to meet the requirement as per IS 11270:1985 (Reaffirmed 2019) in future production.
12.4	We will take corrective action to meet the requirement as per IS 8213:2000 (Reaffirmed 2020) in future production.
12.5	We will take corrective action to meet the requirement as per IS 8132:1999 (Reaffirmed 2004) in future production.