

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)

संख्या/No: T-154/1591

COMMERCIAL TEST REPORT (INITIAL)

माह/Month: February, 2024

THIS TEST REPORT IS VALID UPTO 31.01.2031



**ESCORTS KUBOTA LIMITED, EAM 5 TONNES
TRACTOR TRAILER**



सत्यमेव जयते

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 (आं. प्र.)

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

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T-154/1591	ESCORTS KUBOTA LIMITED, EAM 5 TONNE TRACTOR TRAILER	
	THIS TEST REPORT IS VALID UPTO 31.01.2031	

Manufacturer : M/S. Escorts Kubota Limited,
18/4, Mathura Road,
Faridabad – 121007,
Haryana

Applicant : The manufacturer

ESCORTS KUBOTA LIMITED, EAM 5 TONNE TRACTOR TRAILER

Report No. : **T-154/1591**

Month: **February**

Year: **2024**



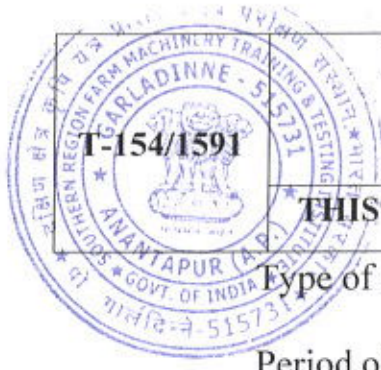
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**ESCORTS KUBOTA LIMITED,
EAM 5 TONNE
TRACTOR TRAILER**

**COMMERCIAL
(ICT)**

THIS TEST REPORT IS VALID UPTO 31.01.2031

Type of test : INITIAL COMMERCIAL TEST
 Period of test : 29.01.2024 to 02.02.2024
 Test Report No. : **T-154/1591**
 Month / Year of release : February, 2024

- 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 the 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 named “**ESCORTS KUBOTA LIMITED, EAM 5 TONNE TRACTOR TRAILER**”. **This report is valid up to 31.01.2031, 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




 T-154/1591	ESCORTS KUBOTA LIMITED, EAM 5 TONNE TRACTOR TRAILER		COMMERCIAL (ICT)		
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12	Marking /labeling of machine	of	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 , size , required size of prime mover (kW), weight (Kg)	Provided	Conforms

12. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION

- 12.1 The specification of trailer does not conform, in full, to the IS 8213:2000 (Reaffirmed 2020). This should be looked into for corrective action.
- 12.2 Lighting arrangement for trailer is not provided as per IS 8213:2000 (Reaffirmed 2020). This should be taken care for corrective action.
- 12.3 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.
- 12.4 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.
- 12.5 The dimension of various components of axle assembly does not confirm, in full, the requirement of IS 8213:2000 (Reaffirmed 2020). This should be taken care for corrective action.
- 12.6 Adequacy of literature:**
 Service manual and parts catalogues of trailer were not provided. Operator manual and parts catalogue should be brought out in Hindi and regional languages as per IS 8132:1999 (Reaffirmed 2004) for the sake of user & technical personnel.

T-154/1591	ESCORTS KUBOTA LIMITED, EAM 5 TONNE TRACTOR TRAILER	COMMERCIAL (ICT)
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TESTING AUTHORITY

 Er. PRAMOD YADAV AGRICULTURAL ENGINEER	 Er. D.C. MOULI AGRICULTURAL ENGINEER
 Dr. B.M NANDEDE DIRECTOR	



13. APPLICANT'S COMMENTS

SR No	Our Ref. No.	Applicant's Comments
1	12.1	We will take corrective action in future production level.
2	12.2	This will be provided in future products.
3	12.3	We have noted down your suggestion, we will take necessary action in future products.
4	12.4	We will work on it to match the IS requirement.
5	12.5	We will work on it to match the IS requirement.