

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

संख्याNo: T-93/1396  
माहMonth: July , 2022  
Validity: 30.06.2029



**AWACHAT INDUSTRIES LIMITED (RAJ TRAILER  
AIL 3 TONNE) TIPPING 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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<b>T-93/1396</b>	<b>AWACHAT INDUSTRIES LIMITED (RAJ TRAILER AIL3 TONNE) TIPPING TRACTOR TRAILER</b>	<b>COMMERCIAL (ICT)</b>
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Manufacturer : M/S. Awachat Industries Limited, Plot No D-2/1  
MIDC Area Sewagram Road, Wardha-442001,  
Maharashtra, India  
Applicant : The Manufacturer

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T-93/1396		AWACHAT INDUSTRIES LIMITED (RAJ TRAILER AIL3 TONNE) TIPPING TRACTOR TRAILER		COMMERCIAL (ICT)
	tyre as declared by the manufacturer			
8	Front axle	6.00x16, 6PR (min)/10.00x20, 16PR tube type	Not applicable	Not applicable
9	Overall length, mm	2000 to 4100 to be checked	3460	Conforms
10	Overall width, mm	900 (min) to be checked	1570	Conforms
11	Overall height, mm	600 (min)	1390	Conforms
12	Min, ground clearance (mm)	300	330	Conforms
13	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, size, required size of prime mover (kW), weight (Kg)	Provided	Conforms

## 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



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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.



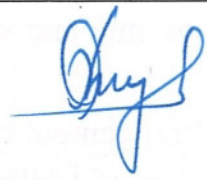
12.8 The Slow moving emblem & T sign are Provided.

12.9 An axle assemble is not designed by its class and wheel track. This should be looked into corrective action.

**12.10 Adequacy of literature:**

Service manual and parts catalogue of trailer were provided, but 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:**

<p>D C MOULI AGRICULTURAL ENGINEER</p>	
<p>P. KAMALABAI SENIOR AGRICULTURAL ENGINEER</p>	
<p>K.K NAGLE DIRECTOR</p>	

**13. Applicants Comments**

Para No.	Our Ref. No.	Applicants comments
13.1	12.2	We will correct it as per the IS
13.2	12.3	We will make the literature as per IS 8132 : 1999 ( Reaffirmed 2019)