

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

संख्याNo: T-90/1391  
माहMonth: June , 2022  
Validity: 31.05.2029



**RADHAKRUSHNA ENGINEERING CO LUCKY TRAILORS REC 5 TN TIPPING  
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**

ट्रेक्टर 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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<b>T-90/1391</b>	<b>RADHAKRUSHNA ENGINEERING CO LUCKY TRAILORS REC 5 TN TIPPING TRACTOR TRAILER</b>	<b>COMMERCIAL (ICT)</b>
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Manufacturer : M/s. Radhakrushna engineering company,  
Muktainagar Road, Plot no 3, S. No.28/3, Malkapur,  
Buldhana-443101, Maharashtra, India  
Applicant : The Manufacturer

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		of origin ,make , model , month & year of manufacturer , serial number , size , required size of prime mover (kW), weight (Kg)		

## 12. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION



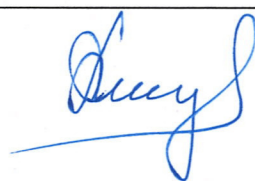
- 12.1 Dimensional requirements of single axle (semitrailer) conform to IS 8213:2020.
- 12.2 To protect from mud and soil the rubber flaps are not provided at rear end of the wheels. This should be looked into for corrective action.
- 12.3 The lighting arrangement of trailer is not provided as per IS 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 do 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 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 not provided. This may be provided.
- 12.9 An axle assemble is not designed by its class and wheel track. This should be looked into corrective action.

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### 12.10 Adequacy of literature:

Service manual parts catalogs of trailer in printed literature form were provided which is not adequate. However, operation manual and parts catalogue shall 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:

B.N. DIXIT AGRICULTURAL ENGINEER	
P.KAMALABAI SENIOR AGRICULTURAL ENGINEER	
K.K. NAGLE DIRECTOR	



### 13. Applicants Comments

Para No.	Our Ref. No.	Applicants comments
13.1	12.4	We have noted the suggestion, we will take corrective action on your suggestion
13.2	12.5	We will take corrective action against this
13.3	12.6	This would be taken care in future production
13.4	12.7	We will work on it to match the IS requirement
13.5	12.8	Will be provided in future products
13.6	12.9	We will take corrective action in future production level
13.7	12.10	The required manuals will be prepared as per your suggestion.