

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

संख्या No: T-87/1386
माह Month: June, 2022
Validity: 31.05.2029



**JAI BHAVANI ENGINEERING WORKS
JBEW 3 TT 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

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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Tele.: 08551-286441

T-87/1386	JAI BHAVANI ENGINEERING WORKS JBEW 3 TT TIPPING TRACTOR TRAILER	COMMERCIAL (ICT)
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Manufacturer : M/s. Jai Bhavani Engineering works, Chandwad Road, 34-3, Near Mamata Bakery, at Post Manmad, Tah. Nandgaon, Nashik 423104 Maharaashtra India

Applicant : The Manufacturer

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**12. SUMMARY OF OBSERVATIONS, COMMENTS AND
RECOMMENDATION**



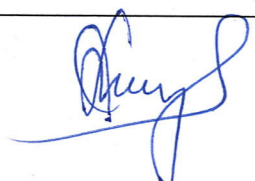
- 12.1 Dimensional requirements of single axle (semi trailer) conforms to IS 8213:2020.
- 12.2 To protect from mud and soil the rubber flaps are not provided at rear end of the wheels.
- 12.3 The lighting arrangement of trailer is not provided. This should be provided as per the requirement of IS 8213:2020.
- 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 braking arrangement of trailer is not provided. This should be provided as per the requirement of IS 10806:2003.
- 12.7 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.
- 12.8 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.
- 12.9 The Slow moving emblem/ T sign are provided. However, this should be as per the requirement of IS.
- 12.10 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	12.2	We will note down your suggestion and we will try our level best to implement same during next production level
13.2	12.3	We will work on it during next production level
13.3	12.4	We will try modify the specification to match the requirement of IS 8213:2020
13.4	12.5	We will inform to our principle supplier to match the IS requirement
13.5	12.6	We will take corrective action
13.6	12.7	The suggestion is noted , we will work on it in future production
13.7	12.8	We will take corrective action
13.8	12.10	The suggestion is noted , we will search for possibilities
13.9	12.11	The catalogue will be modified as per IS