

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

संख्याNo: T-95/1398
माहMonth: July, 2022
Validity : 30.06.2029



SHRI BALAJI FABRICATION WORKS SBF 05 TNE 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.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

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E-mail: fmti-sr@nic.in

Tele.: 08551-286441

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|------------------|---|-----------------------------|
| T-95/1398 | SHRI BALAJI FABRICATION WORKS SBF 05 TNE TRACTOR TRAILER | COMMERCIAL (ICT) |
|------------------|---|-----------------------------|

Manufacturer : M/S SHRI BALAJI FABRICATION WORK
Dongaon Road, Mehkar, Tal Mehkar, Dist
Buldhana-443301, Maharashtra, India

Applicant : The Manufacturer

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Type of test : INITIAL COMMERCIAL TEST

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| T-95/1398 | SHRI BALAJI FABRICATION WORKS SBF 05 TNE TRACTOR TRAILER | COMMERCIAL (ICT) |
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|----|------------------------------|--|----------|----------|
| 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 |
|----|------------------------------|--|----------|----------|



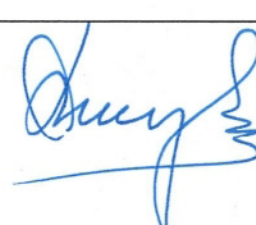

12. COMMENTS AND RECOMMENDATION

- 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.
- 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 various components of axle assembly do not conform, in full, the requirement of IS 8213:2020. This should be looked into for corrective action.
- 12.7 The provided slow moving emblem at rear side of trailer should be as per IS
- 12.8 An axle assemble is not designated by its class and wheel track This should be looked into for corrective action.

1.8 Adequacy of literature:

Operator's manual, service manual and parts catalogue of trailer were not provided. However, this may 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:

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| C MOULI AGRICULTURAL ENGINEER |  |
| KAMALABAI SENIOR AGRICULTURAL ENGINEER |  |
| S.K. NAGLE DIRECTOR |   |

13. Applicants Comments

| Para No. | Our Ref. No. | Applicants comments |
|----------|--------------|--|
| 3.1 | 12.1 | We have noted your suggestion, we will take corrective against it |
| 3.2 | 12.2 | We will implement rubber flap in future products |
| 3.3 | 12.3 | We will look into it |
| 3.4 | 12.4 | We will make the required changes in specification |
| 3.5 | 12.5 | We will modify the hydraulic cylinder to meet the requirement of IS 12371:1988 |
| 3.6 | 12.6 | We will take corrective action against it |
| 3.7 | 12.7 | We will research a possible solution to implement these changes |
| 3.8 | 12.8 | We will look for the required axel requirement and implement it in the future product |
| 3.9 | 12.9 | We will look for the solution and fulfill the product details. |
| 3.10 | 12.10 | We will make sure to provide operation manual and parts catalogs on regional languages |