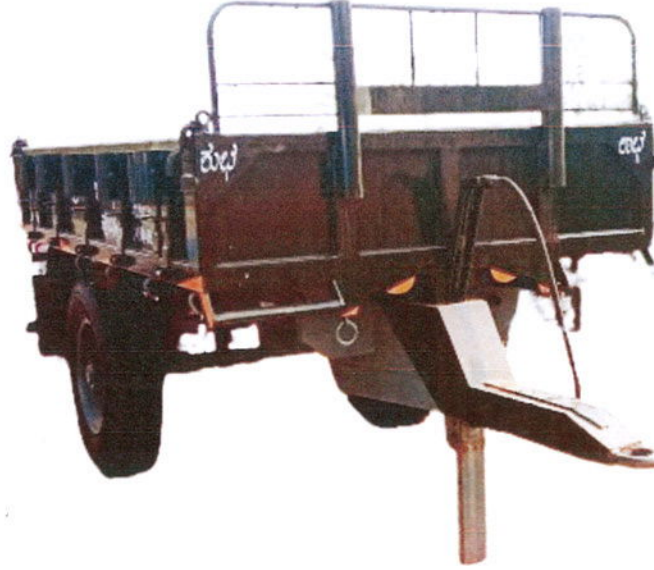


व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT (ICT)

संख्या/No: TT/SRFMTTI,
ANANTAPUR/2025-26/04/04/1875
माह/Month: May, 2025

THIS TEST REPORT IS VALID UP TO 30.04.2032



G.K. AGRO INDUSTRIES, GKAI 3 TON 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

ट्रेक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आ. प्र.)

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

[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in/>

E-mail: fmti-sr@nic.in

TT/SRFMTTI, ANANTAPUR/2025-26/ 04/04/1875	G.K. AGRO INDUSTRIES, GKAI 3 TON TRAILER THIS TEST REPORT IS VALID UPTO 30.04.2032	COMMERCIAL (ICT)
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Manufacturer, (apa) : M/s. G. K. AGRO INDUSTRIES,
Shed No R-3, MT Sagar, 1st Gate 1st Stage,
Industrial Estate Gokul Road, Hubli, Dharwad,
Karnataka, 580030.

Applicant : The Manufacturer

G.K. AGRO INDUSTRIES, GKAI 3 TON TRAILER

Report No.: TT/SRFMTTI, ANANTAPUR/2025-26/04/04/1875

Month: May

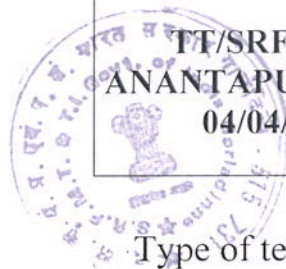
Year: 2025



Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture and Farmers Welfare
Southern Region Farm Machinery Training and Testing Institute
Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)
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TT/SRFMTTI, ANANTAPUR/2025-26/ 04/04/1875	G.K. AGRO INDUSTRIES, GKAI 3 TON TRAILER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UPTO 30.04.2032	

Type of test : COMMERCIAL (ICT)

Period of test : April, 2025

Test Report No. : TT/SRFMTTI, ANANTAPUR/2025-26/04/04/1875

Month / Year of release : May, 2025

- The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- The test sample was selected randomly through virtual mode by institute.
- The results presented in this report do not, in any way, attribute to the durability of the machine.
- 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.).
- This is a report on Commercial Test of tractor trailer name “**G.K. AGRO INDUSTRIES, GKAI 3 TON TRAILER**”. This report is valid up to **30.04.2032**, 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



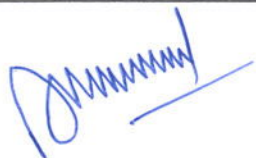
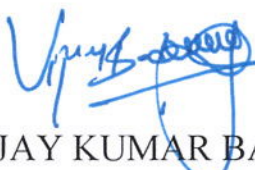

TT/SRFMTTI, ANANTAPUR/2025-26/ 04/04/1875	G.K. AGRO INDUSTRIES, GKAI 3 TON TRAILER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UPTO 30.04.2032	

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 conform, 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 provided. Operation manual and parts catalogue should be brought out in Hindi and regional languages as per IS 8213:2000 (Reaffirmed 2020) for the sake of user & technical personnel.

TT/SRFMTTI, ANANTAPUR/2025-26/ 04/04/1875	G.K. AGRO INDUSTRIES, GKAI 3 TON TRAILER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UPTO 30.04.2032	

TESTING AUTHORITY

 Er. PRAMOD YADAV AGRICULTURAL ENGINEER	 Er. VIJAY KUMAR BADAYA SENIOR AGRICULTURAL ENGINEER
 Dr. B.M. NANDEDE DIRECTOR	

13. APPLICANT'S COMMENTS

Reference No.	Applicant Comments
12.1	We will take corrective action to meet the requirement as per IS 8213:2000 (Reaffirmed 2020) in future production.
12.2	We will take corrective action to meet the requirement as per IS 8213:2000 (Reaffirmed 2020) in future production.
12.3	We will take corrective action to meet the requirement as per IS 12371:1988 (Reaffirmed 2019) in future production.
12.4	We will take corrective action to meet the requirement as per IS 11270:1985 (Reaffirmed 2019) in future production.
12.5	We will take corrective action to meet the requirement as per IS 8213:2000 (Reaffirmed 2020) in future production.
12.6	We will take corrective action to meet the requirement as per IS 8213:2000 (Reaffirmed 2020) in future production.