

[ONLINE TESTING]

(यह परीक्षण रिपोर्ट 30/04/2025 तक वैध है) / THIS TEST REPORT IS VALID UPTO : 30/04/2025)



TAFE, MF 246 TRACTOR



भारत सरकार

कृषि एवं किसान कल्याण मंत्रालय
(कृषि, सहकारिता एवं किसान कल्याण विभाग)

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
(Department of Agriculture, Cooperation & Farmer's Welfare)

केन्द्रीय कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान
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T- 1639/2170/2022	TAFE, MF 246 TRACTOR – Commercial (Initial)
	THIS TEST REPORT IS VALID UPTO : 30/04/2025

Manufacturer : **M/s. Tractor and Farm Equipment Limited**, Post Box No. 3302, (New 77), 35 Mahatma Gandhi Road, Nungambakkam, Chennai - 600 034 (Tamil Nadu)

Location of other manufacturing plants (apa) : (i) **M/s. Tractor and Farm Equipment Limited**, Kalladipatti Plant, 10/205, Kalladipatti (P.O.), Pin code- 624201, Dindigul district, (Tamil Nadu)
: (ii) **M/s. Tractor and Farm Equipment Limited**, Doddaballapur plant, Plot No. 1, Kiadb Industrial Estate, Doddaballapur, Bangalore – 561203

Test requested by (applicant) : The manufacturer
Selected for test by : The Testing Authority
Place of running-in : At Institute
Duration of said running-in, (h):
- Engine : 12
- Transmission : 24

Method of Selection : The test sample was selected randomly out of five tractors from the production line by the representative of testing authority through online.

Details of tractors made available for random selection :		
Sr. No.	Chassis Number	Engine Number
(i)	MEAA9655HM2383482	S325.5L93753
(ii)	MEAA9655HM2383470	S325.5L93755
(iii)	MEAA9655HM2383485	S325.5L93751
(iv)	MEAA9655HM2383493	S325.5L93754
(v)	MEAA9655HM2383503	S325.5L93752

1. SPECIFICATIONS

1.1 Tractor:

Make : TAFE
Model : MF 246
Brand name : None
Variants, if any : None
Type : Rear Wheel Drive, Standard Agricultural Tractor.
Month & Year of manufacture : August, 2021 (08 / 2021)
Chassis number : MEAA9655HM2383470
Country of origin : India

1.2 Engine:

Manufacturer's address : M/s. Simpsons & Co. Ltd., Huzur Garden, Sembiam, Chennai- 600011

Make : Simpson
Model : TIIIA S325.5-F31
Type : Four stroke, natural aspirated, water cooled, direct injection, diesel engine
Serial number : S325.5L93755
Year of manufacture : 2021

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ANNEXURE- V

TRACTOR RUN HOURS DURING TEST

A.	LABORATORY AND TRACK TESTS:	HOURS
1.	Running-in	38.0
2.	PTO performance test	13.2
3.	Drawbar performance test	19.6
4.	Power lift and hydraulic pump performance test	3.7
5.	Brake test	2.8
6.	Noise measurement	1.9
7.	Air cleaner oil-pull over test	2.5
8.	Mechanical vibration test	1.0
9.	Turning ability	0.2
10.	Location of centre of gravity	0.1
11.	Operator's field of vision	--
12.	Theoretical speed test	1.5
B.	FIELD TEST:	
1.	Disc Plough	10.5
2.	Rotavation	11.8
3.	Puddling (including 5.0 hours water proof test)	15.1
C.	HAULAGE TEST:	5.2
D.	Miscellaneous test and other run hours including idle run, transportation, trials and preparation for test	6.3
	TOTAL:	133.4