

Application Reference No. 28/2022-23/72



**Make of Agricultural Tractor** : TAFE  
**Model** : MF 8055  
**Manufactured by** : M/s. Tractor and Farm Equipment Limited,  
Post Box No. 3302, (New 77), 35  
Mahatma Gandhi Road, Nungambakkam,  
Chennai - 600 034 (Tamil Nadu)



भारत सरकार

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

**GOVERNMENT OF INDIA**

**MINISTRY OF AGRICULTURE AND FARMERS WELFARE**  
(DEPARTMENT OF AGRICULTURE & FARMERS WELFARE)

केन्द्रीय कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

ट्रैक्टर नगर, बुदनी (म.प्र.) 466 445

**CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE**  
TRACTOR NAGAR, BUDNI (M.P.) 466 445  
(An ISO 9001:2015 Certified Institute)

The applicant had submitted online application 28/2022-23/72 dated 08.11.2022 for commercial testing of "TAFE, MF 8055" Tractor.

During inspection it has been observed that one bolt of "engine head to block mounting" found broken & another one found missing.

Upon this, the firm has requested to withdraw the test sample from the test vide letter no. Nil dated 16.03.2023, which was allowed. Hence, this withdrawn initial commercial test report is released as under.

[C]	Tractor manufacturer's name and address	:	<b>M/s. Tractor and Farm Equipment Limited,</b> Post Box No. 3302, (New 77), 35 Mahatma Gandhi Road, Nungambakkam, Chennai - 600 034 (Tamil Nadu)
[C]	Submitted for test by (Applicant)	:	The Manufacturer
[C]	Selected for test by	:	The Ministry vide OM No. 13-17/2021 - M&T (I&P) dated 28.07.2022, has allowed the applicant to submit the test sample directly to the Institute without requiring any random selection for Initial Commercial Testing. Thus, the applicant directly submitted the test sample to the Institute for test.
[D]	Place of running-in	:	At manufacturer's works
[D]	Duration of running-in:		
	-Engine	:	12
	-Transmission	:	24
[C]	Location of test	:	Government of India, Central Farm Machinery Training and Testing Institute, P.O. - Tractor Nagar, BUDNI – 466445 (M.P.), INDIA

## 1. SPECIFICATIONS OF TRACTOR [As Specified by the Applicant]

<b>1.1</b>	<b>Identification:</b>		
<b>1.1.1</b>	<b>Denomination</b>		
[C]	Make of tractor	:	TAFE
[C]	Model (trade name)	:	MF 8055
[C]	Type	:	Rear Wheel Drive, Standard Agricultural Tractor.
[C]	Month & year of manufacture	:	07 & 22
[D]	Country of origin	:	India
<b>1.1.2</b>	<b>Numbers:</b>		
[D]	1 <sup>st</sup> Serial No. or prototype	:	MEAC90D9DM3000769
[C]	Serial No.	:	MEAC90D9JN2447383
<b>1.2</b>	<b>Engine:</b>		
[D]	Manufacturer's address	:	M/s. TMTL, Engine Division (A unit of TAFE Motors & Tractors Limited) Itrana Road, Alwar-301 001 (Rajasthan)
[C]	Make	:	TMTL Engines
[C]	Model	:	MAGNATORQ M33.55
[D]	Type	:	Four stroke, naturally aspirated, liquid cooled, direct injection, diesel engine.
[C]	Serial No.	:	531826765014

T-1721/2252/2023	<b>TAFE, MF 8055- WITHDRAWN - INITIAL COMMERCIAL TEST</b>
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**1.3 Labelling of tractor [Refer IS: 10273-1987 (Reaffirmed 2019)]:**

Labelling plate is riveted on LHS front axle support and provides the following information:

Name of Manufacturer	Tractor & Farm Equipment Limited, Chennai, Tamil Nadu, India
Make	TAFE
Model	MF 8055
Month & Year of manufacture	07 & 22
Engine Serial Number	531826765014
Chassis Serial Number	MEAC90D9JN2447383
Maximum PTO Power, kW(hp)	32.0
Specific fuel consumption, g/kWh (g/hph)	265

**2.SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS**

**2.1** On the basis of test conducted the performance results have been summarized as evaluative (mandatory) / non-evaluative (non-mandatory) parameters applicable for Qualifying Minimum Performance criteria as per Clause-4 (Table-1) of **IS: 12207-2022** for acceptance of the tractor for the purpose of subsidies/NABARD financing are summarized as under:

S. No.	Characteristic	Category (Evaluative / Non Evaluative)	Requirements as per IS: 12207-2022	Values declared by the applicant/ (D) Requirement (R)	As observed	Whether meets the requirements (Yes/No)		
1	2	3	4	5	6	7		
<b>2.1.1</b>	<b>Labelling of tractors (Provision of labelling plate):</b>							
1)	Make	Evaluative	Should conform to the requirements of CMVR along-with declared value of PTO in kW, Specific fuel consumption (SFC) corresponding to maximum power in g/kWh and year of manufacture in numerical form <table border="1" style="margin-left: 20px;"> <tr> <td>MM</td> <td>YY</td> </tr> </table> Digit 01-12 in box No. 1 for MM will represent the month and next two digit in the box No. 2 for YY will represent the year of manufacturing	MM	YY	TAFE		Yes
MM	YY							
2)	Model	Evaluative		MF 8055		Yes		
3)	Month & Year of manufacture	Evaluative		09 & 22		Yes		
4)	Engine number	Evaluative		531826765014		Yes		
5)	Chassis number	Evaluative		MEA090D9JN2447383		Yes		
6)	Maximum PTO power, (kW)	Evaluative		32.0		Yes		
7)	Specific fuel consumption, g/kWh	Evaluative	265		Yes			

**2.2 Salient Observations:**

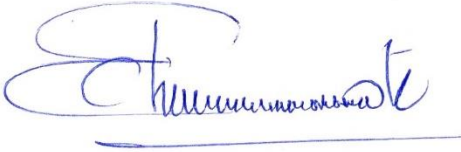

**2.2.1 Inspection:**

During inspection it has been observed that one bolt of “engine head to block mounting” found broken & another one found missing.

Upon this, the firm has requested to withdraw the test sample from the test vide letter no. Nil dated 16.03.2023, which was allowed. Hence, this withdrawn initial commercial test report is released.

TEST CARRIED OUT AT C.F.M.T. &amp; T.I., BUDNI (M.P.), INDIA

## TESTING AUTHORITY

C. V. CHIMOTE TEST ENGINEER	
A.K. UPADHYAY DIRECTOR(I/C)	

Draft test report compiled by Chanchlesh Singh Raghuwanshi, Agricultural Engineer.

## 3. APPLICANT'S COMMENTS

-None-

ANNEXURE-ITRACTOR RUN HOURS DURING TEST

A.	LABORATORY AND TRACK TESTS:	HOURS
1.	Inspection	0.3
<b>TOTAL:</b>		<b>0.3</b>