

व्यावसायिक परीक्षण रिपोर्ट (प्रथम बैच परीक्षण)
COMMERCIAL TEST REPORT (First Batch Test)

संख्या / No. : T-1582/2110/2021
माह / Month : September, 2021

(यह परीक्षण रिपोर्ट 30/09/2026 तक वैध है। / THIS TEST REPORT IS VALID UPTO : 30/09/2026)

[ONLINE TESTING]



TAFE, MF 5245 DI 4WD 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, CO-OPERATION AND FARMERS WELFARE)

केन्द्रीय कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

ट्रैक्टर नगर, बुदनी (म.प्र.)-466 445

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE

(An ISO 9001: 2015 Certified Institute)

TRACTOR NAGAR, BUDNI (M.P.) - 466 445

E-mail: fmti-mp@nic.in

Web site: fmttibudni.gov.in

Telephone: 07564-234729

Page 1 of 51

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

“TAFE, MF 5245 DI 4WD” tractor had undergone Initial commercial test at this institute and report number T-1061/1586/2017 was released in January, 2017. Now the applicant has submitted an online application no. 28/2020-21/21 dated 23.11.2020 for 1st batch testing of “TAFE, MF 5245 DI 4WD” tractor. The performance results of the test sample submitted for the batch testing were evaluated as per IS: 12207-2019 and test report is released as under.

Manufacturer	: M/s. Tractors and Farm Equipment Limited, P.O. Box No.3302, Old 35, New 77, Mahatma Gandhi Road, Nungambakkam, Chennai- 600 034
Location of manufacturing plants	: i) M/s Tractors and Farm Equipment Limited, Kalladipatti plant, 10/205, Kalladipatti (P.O.), Pin code – 624 201, Dindigul District, Tamil Nadu ii) M/s Tractors and Farm Equipment Limited, Doddaballapur plant, Plot no. 1, Kiadb Industrial area, Doddaballapur, Bangalore – 561 203
Test requested by	: The manufacturer
Place of running-in	: At applicant’s works.
Duration of said running-in, (h):	
- Engine	: 12
- Transmission	: 24
Method of Selection	: Due to Covid-19 Pandemic, it was not possible to conduct the random selection. Nor was possible for applicant to facilitate the random selection. As a last resort applicant requested to allow the direct submission of Test Sample, which was allowed.

1. SPECIFICATIONS

1.1 Tractor:	
Make	: TAFE
Model	: MF 5245 DI 4WD
Type	: Four wheeled, 4WD, General purpose, Agricultural tractor.
Month & Year of manufacture	: 12/20
Chassis number	: MEA4DF5FML1295349
Country of origin	: India
1.2 Engine:	
Make	: SIMPSON & Co. Limited
Model	: T III A SJ 327 –F3
Type	: Four stroke, naturally aspirated, water cooled, direct injection, diesel engine.
Serial number	: SJ327A97018

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

15. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

15.1 On the basis of tests conducted the performance results have been summarized as evaluative (mandatory) and non-evaluative (not-mandatory) parameter applicable for qualifying Minimum Performance Criteria as per Clause-4 (Table-1) of **IS: 12207-2019** 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: 12207-2019	Values declared by the applicant (D) / Requirement (R)	As observed	Whether meets the requirements (Yes/No)
1	2	3	4	5	6	7
15.1.1	PTO Performance :					
a)	Max. power under 2 h test, (kW) (Natural ambient condition)	Evaluative	Declared value to be achieved with a tolerance of: $\pm 5\%$ for PTO power or engine power >26 kW, $\pm 10\%$ for PTO power or Engine power ≤ 26 kW.	32.8 (D)	32.7	Yes
b)	Power at rated engine speed, (kW)	Non Evaluative	-do-	32.8 (D)	32.0	Yes
c)	Specific fuel consumption corresponding to max. power, (g/kWh)	Evaluative	+ 10% Max.	265 (D)	238	Yes
d)	Max. equivalent crankshaft torque, (Nm)	Non Evaluative	$\pm 8\%$	155 (D)	164.4	Yes
e)	Back-up torque, percent	Evaluative	12 percent, min.	12 (D) 12 (R)	20.9	Yes
f)	Maximum operating temperature($^{\circ}$ C)					
	1) Engine oil	Evaluative	The declared value should not exceed the max. value specified by the oil company and the observed value under high ambient condition should not exceed the declaration.	132 (D)	110	Yes
	2) Coolant	Evaluative	The declared value should not exceed the boiling temperature of coolant under the pressurized or otherwise and the observed value under high ambient condition should not exceed the declaration.	112 (D)	99	Yes
g)	Engine oil consumption, (g/kWh)	Evaluative	Not exceeding 1% of SFC at max. power under High ambient conditions	2.58 (R)	0.48	Yes
h)	Smoke level, (m^{-1})	Evaluative	Maximum light absorption coefficient of 3.25 per metre or equivalent BOSCH No. 5.2 or 75 Hatridge value (As per CMVR)	3.25 (R)	0.30	Yes

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

15. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

15.1 On the basis of tests conducted the performance results have been summarized as evaluative (mandatory) and non-evaluative (not-mandatory) parameter applicable for qualifying Minimum Performance Criteria as per Clause-4 (Table-1) of **IS: 12207-2019** 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: 12207-2019	Values declared by the applicant (D) / Requirement (R)	As observed	Whether meets the requirements (Yes/No)
1	2	3	4	5	6	7
15.1.1	PTO Performance :					
a)	Max. power under 2 h test, (kW) (Natural ambient condition)	Evaluative	Declared value to be achieved with a tolerance of: $\pm 5\%$ for PTO power or engine power >26 kW, $\pm 10\%$ for PTO power or Engine power ≤ 26 kW.	32.8 (D)	32.7	Yes
b)	Power at rated engine speed, (kW)	Non Evaluative	-do-	32.8 (D)	32.0	Yes
c)	Specific fuel consumption corresponding to max. power, (g/kWh)	Evaluative	+ 10% Max.	265 (D)	238	Yes
d)	Max. equivalent crankshaft torque, (Nm)	Non Evaluative	$\pm 8\%$	155 (D)	164.4	Yes
e)	Back-up torque, percent	Evaluative	12 percent, min.	12 (D) 12 (R)	20.9	Yes
f)	Maximum operating temperature($^{\circ}$ C)					
	1) Engine oil	Evaluative	The declared value should not exceed the max. value specified by the oil company and the observed value under high ambient condition should not exceed the declaration.	132 (D)	110	Yes
	2) Coolant	Evaluative	The declared value should not exceed the boiling temperature of coolant under the pressurized or otherwise and the observed value under high ambient condition should not exceed the declaration.	112 (D)	99	Yes
g)	Engine oil consumption, (g/kWh)	Evaluative	Not exceeding 1% of SFC at max. power under High ambient conditions	2.58 (R)	0.48	Yes
h)	Smoke level, (m^{-1})	Evaluative	Maximum light absorption coefficient of 3.25 per metre or equivalent BOSCH No. 5.2 or 75 Hatridge value (As per CMVR)	3.25 (R)	0.30	Yes

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

1	2	3	4	5	6	7	
15.1.2	Drawbar performance:						
a)	Maximum drawbar pull with ballast corresponding to 15 percent wheel slip, (kN)	Non Evaluative	Minimum 70% of static mass with ballast	22.0 (D) 20.51 (R)	30.80	Yes	
b)	Maximum drawbar pull with standard ballast corresponding to 15 percent wheel slip, (kN)	Evaluative	Minimum 70% of static mass of tractor without/ standard ballast	14.0 (D) 13.72 (R) Minimum	22.94	Yes	
c)	Maximum drawbar power with standard ballast, kW	Evaluative	Minimum 80 % of PTO power as referred in SI No. i) a) of PTO performance in case of tractors having total static mass > 1500 kg Minimum 75 % of PTO power as referred in SI No. i) a) of PTO performance in case of light weight tractors having 1500 kg total static mass of tractor Minimum 75 % of the engine power as referred in SI No. i) a) of engine performance in case of tractors which do not have a PTO shaft.	26.0 (D) 25.8 (R) Minimum	27.0	Yes	
d)	Maximum transmission oil temperature (°C)	Evaluative	The declared value should not exceed the maximum value specified by oil company	132 (D)	77	Yes	
15.1.3	Power lift and hydraulic pump performance:						
a)	Maximum lifting capacity throughout the range of lift, (kN):						
	1)	At hitch points	Evaluative	±10 percent	16.0 (D)	15.97	Yes
	2)	With the standard frame	Evaluative	The lift capacity should at least be 24 kg/PTO kW. and it should be 21.5 kg/engine kW where the tractor is not provided with a PTO shaft	8.0 (D) 7.58 Minimum (R)	12.64	Yes
b)	Maximum drop in the height of the point of application of the force after each 5 minutes interval for a total duration of 30 minute, (mm)	Non-Evaluative	The observed value should not exceed 50 mm	50 (D) 50 (R) Maximum	55	No	

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

1	2	3	4	5	6	7	
15.1.4	Brake performance at 25 kmph:						
a)	Maximum stopping distance at a force equal to or less than 600 N on brake pedal with Road ballast, (m):						
	1)	Cold brake	Evaluative	10	10 (R)	6.36	Yes
	2)	Hot brake	Evaluative	10	10 (R)	6.42	Yes
b)	Maximum force exerted on the brake pedal to achieve a deceleration of 2.5 m/s ² (N)	Evaluative	600	600 (R)	142 to 183	Yes	
c)	Whether parking brake is effective at a force of 600 N at foot pedal(s) or 400 N at hand lever, N	Evaluative	Yes / No	Yes (R)	Yes	Yes	
15.1.5	Noise measurement :						
a)	Maximum ambient noise emitted by the tractor dB(A)	Evaluative	As per CMVR	88 (R)	84	Yes	
b)	Maximum noise at operator's ear level dB(A)	Evaluative	As per CMVR	96 (R)	94	Yes	
15.1.6	Amplitude of mechanical vibrations at :						
	1)	Left foot rest	Non Evaluative	100 microns (max)	100 (R)	121	No
	2)	Right foot rest				113	No
	3)	Seat (with driver seated)	Non Evaluative	100 microns (max)	100 (R)	89	Yes
	4)	Steering wheel	Non Evaluative	100 microns (max)	100 (R)	124	No
15.1.7	Air cleaner oil pull over test :						
	Maximum air cleaner oil pull-over, (%)	Evaluative	0.25 % (max.)	0.25 (R)	0.13	Yes	
15.1.8	Haulage requirements :						
a)	Gross mass of the trailers, (tones):						
	1)	Two wheel	Non Evaluative	As specified by the manufacturer	5.0 (D)	5.0 (D)	Yes
2)	Four wheel	6.0 (D)			6.0(D)	Yes	
b)	Distance travelled / litre of fuel consumption, (km/l):						
	1)	Two wheel	Non Evaluative	As specified by the manufacturer	5.35 to 5.75 (D)	4.24 to 4.40	No
2)	Four wheel	5.20 to 5.60 (D)			4.20 to 4.31	No	
c)	Fuel consumption (ml/km/tonne):						
	1)	Two wheel	Non Evaluative	As specified by the manufacturer	35.7 to 45.0 (D)	45.5 to 47.2	No
2)	Four wheel	32.0 to 40.0 (D)			38.7 to 39.7	Yes	

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

1	2	3	4	5	6	7	
15.1.9	Wetland cultivation :						
	Sealing for the following assemblies:		Evaluative	The identified assemblies should essentially meet the requirement of IS: 11082. No water ingress in the identified assembly given in column-2. If tractor does not meet the requirements of wetland cultivation, it may be recommended for dry land operation only.	There should be no ingress of water and / or mud (R)	No ingress of water and / or mud was reported during ICT of this tractor mode, tested vide test report no T 1061/1586/ 2017.	Yes
	1)	Clutch assembly	-do-				
	2)	Brake housings	-do-				
	3)	Front axle hubs	-do-				
	4)	Engine Oil	-do-				
5)	Transmission Oil	-do-					
15.1.10	Safety features :						
a)	Guards against moving and hot parts	Evaluative	Belt drives, pullies, silencer, hydraulics pipes(as per IS-12239 Part 2)		Meets the requirements	Yes	
b)	Lighting arrangement	Evaluative	As per CMVR		Meets the requirements	Yes	
c)	Seating requirements (Tractors having more than 1150 mm rear track width)	Non-Evaluative	Should meet the requirements of IS: 12343 (As amended from time to time)		Meets the requirements	Yes	
d)	Technical requirements for PTO shaft	Evaluative	Should meet the requirements of IS: 4931 (As amended from time to time)		Meets the requirements	Yes	
e)	Dimensions of three-point linkage	Non-Evaluative	Should meet the requirements of IS: 4468 (Part-I) (As amended from time to time)		Does not meet the requirements	No	
f)	Specifications of linkage drawbar	Evaluative	Should meet the requirements of IS 12953 (As amended from time to time)		Meets the requirements	Yes	
g)	Specifications of Swinging drawbar (Wherever fitted)	Evaluative	Should meet the requirements of IS 12362 (Part 3) (As amended from time to time)		Not fitted	Not applicable	
h)	1)	Maximum travelling speed at rated engine speed in reverse gears, (kmph)	Evaluative	Should not exceed 20 Kmph		14.37 kmph (Meets the requirement)	Yes
	2)	Audible warning signal on tractor.	Evaluative	As soon as the travelling speed in reverse gear reaches to 20 kmph, an audible warning signal on tractor shall be activated.		Not applicable	Not applicable

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

1	2	3	4	5	6	7
15.1.11	Labelling of tractors (Provision of labelling plate):					
	1) Make	Evaluative	Should conform to the requirements of CMVR along-with declared value of PTO in kW and year of manufacture in numerical MM YY 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	TAFE	Yes	
	2) Model	Evaluative		MF 5245 DI 4WD	Yes	
	3) Month & Year of manufacture	Evaluative		12 & 20	Yes	
	4) Engine number	Evaluative		SJ327A97018	Yes	
	5) Chassis number	Evaluative		MEA4DF5FML12 95349	Yes	
	6) Declaration of PTO power, (kW)	Evaluative		32.8	Yes	
	7) Declaration of specific fuel consumption, (g/kWh)	Evaluative		265	Yes	
15.1.12	Discard limit for:					
(a)	Cylinder bore diameter, (mm)	Evaluative	To be specified by Manufacturer	95.18	94.989 to 95.012	Yes
(b)	Clearance between piston & cylinder liner at skirt, (mm)	Non-Evaluative	To be specified by Manufacturer	0.25 with new rings	0.111 to 0.126	Yes
(c)	Piston diameter at skirt, mm	Non-Evaluative			94.884 to 94.892	Yes
(d)	Ring end gap (mm):					
	Top comp. ring.	Evaluative	To be specified by Manufacturer	1.5	0.40 to 0.45	Yes
	2 nd comp. ring.			1.5	0.60 to 0.65	Yes
	Oil ring.			1.5	0.50 to 0.60	Yes
(e)	Ring groove clearance (mm):					
	Top comp. ring	Evaluative	-do-	Tapered ring		--
	2 nd comp. ring		-do-	0.25	0.063 to 0.072	Yes
	Oil ring		-do-	0.25	0.032 to 0.043	Yes
(f)	Clearance of main end bearings, (mm):					
	Diametrical	Evaluative	-do-	0.75	0.115 to 0.140	Yes
	Crankshaft end float	Evaluative	-do-	0.75	0.25	Yes
(g)	Clearance of big end bearings, (mm):					
	Diametrical	Evaluative	-do-	0.75	0.070 to 0.173	Yes
	Axial	Evaluative	-do-	0.75	0.25	Yes
(h)	Clearance between king pin and bush, (mm)	Non-Evaluative	-do-	0.35	0.044 to 0.062	Yes
(i)	Clearance between center pin & bush, (mm)	Non-Evaluative	-do-	1.25	0.103 to 0.153	Yes

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

1	2	3	4	5	6	7
15.1.13	Literature (Submission to test agency)					
(a)	Operator manual	Evaluative	Provided / Not Provided	Provided	Provided	Yes
(b)	Parts Catalogue	Evaluative	Provided / Not Provided	Provided	Provided	Yes
(c)	Workshop/ Service manual	Evaluative	Provided / Not Provided	Provided	Provided	Yes
15.1.14	Fitment of Roll Over Protective Structure (ROPS): for tractors having more than 1150 mm rear track width	Evaluative	ROPS should meet the requirement of IS:11821 or OECD code or equivalent International Standard	Not Provided	Not fitted	Not applicable
15.1.15	Standard accessories	Evaluative	Trailer hitch, front tow hook, linkage drawbar should be provided with tractor	Provided	Provided	Yes
15.1.16	Accessories (Optional)	Non Evaluative	Ballast weights if fitted should meet the requirement of CMVR.	Provided	Provided	Yes

15.2 CATEGORY OF BREAKDOWNS / DEFECTS :(As per clause 5.0 of IS-12207-2019)					
S. No.	Category of Breakdown	Category (Evaluative / Non-Evaluative)	Requirements as per IS: 12207-2019	As observed	Whether meets the requirement (Yes/No.)
1.	Critical breakdown	Evaluative	There is no 'critical breakdown' during the course of testing	None	Yes
2.	Major breakdowns	Evaluative	There are not more than 1 major breakdowns and neither of them is of repetitive nature	None	Yes
3.	Minor breakdowns	Evaluative	There are not more than 3 minor defects during the test and the frequency of each is not be more than two	None	Yes
4.	Total breakdowns	Evaluative	In no case, the total number of breakdowns should exceed four that is, (1 major + 3 minor) or 4 minor breakdowns	None	Yes

15.3 Salient Observations:

15.3.1 Laboratory tests:

15.3.1.1 PTO Performance:

- (i) During PTO performance test, maximum PTO power was recorded as 34.8 kW against the declared maximum PTO power of 32.8 kW & which was not within the tolerance limit as per IS: 12207-2019. On request of applicant, following adjustments were carried out:
 - a) Fuel injection timing was checked which was found 14 degree before TDC against the manufacturer fuel setting of "12 +0/-2 degree before TDC". So fuel injection timing was adjusted to 12 degree before TDC

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

- b) Valve tappet clearances of intake and exhaust valves were checked which were found 0.30 mm for both intake and exhaust valves against the manufacturer tappet clearances setting of 0.30 mm for both intake and exhaust valves. Hence no adjustments were carried out.
- c) Fuel injector pressure of injectors was checked and it was found as 25.0 MPa i.e within specified limit of 25.0 to 25.8 MPa. Hence no adjustment of injector pressures were carried out.
- (ii) After above adjustment and checks, the maximum PTO power was recorded as 32.7 kW against the declaration 32.8 kW and which is within the tolerance limit of IS: 12207-2019.
- (iii) The backup torque was recorded as **20.9 %**.which meets the requirement of IS: 12207-2019.
- (iv) The specific fuel consumption corresponding to maximum power was measured as **238 g/kWh** against the declaration of **265 g/kWh**, which is within the tolerance limit of IS: 12207-2019.

15.3.1.2 Drawbar performance:

- i) During drawbar performance test, rear tyre creeping over rim was found 95 & 185 mm on LHS & RHS tyres respectively. As result rear RHS tube got punctured due to excessive tyre creeping of 185 mm. Upon the request of manufacturer, the punctured tyre tube was replaced with new one and LHS tyre tube was adjusted to its original position.
- ii) After completion of 10 hour drawbar test, creeping of LHS and RHS rear tyre over the rims was observed as 200 and 100 mm respectively, which was considered on higher side. This should be looked into for necessary corrective action.

15.3.1.3 Hydraulic Performance:

The maximum Cumulative drop in height of lift during load maintenance test was observed was 55 mm which does not meet 50 mm maximum requirement of IS-12207-2019, this should be looked into for necessary corrective action.

15.3.1.4 Mechanical Vibration:

The amplitude of mechanical vibration on various assemblies marked as (*) in Chapter-9 of this test report is on higher side, especially at the foot rest & steering control wheel. This calls for dampening down of vibrations to improve the operational comfort and service life of components.

15.3.1.5 Three-point linkage:

The lateral distance from lower hitch point to center line of tractor and lower hitch point maximum height do not meet the requirements of IS-4468-(Part I)-1997. This should be looked into for necessary corrective action.

15.4 Maintenance / Service Problems:

No noticeable maintenance or service problem other than explained in chapter 13 was observed during the test.

15.5 Recommendation with regard to safety on tractor:

The following requirements, inter alia, may be considered for incorporation on the tractor:

- i) Provision for spark arresting device in exhaust system.
- ii) Provision of PTO shaft master shield.

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

- iii) Differential lock may be provided.
- iv) The vertical retainers on both side of the clutch and brake pedal should be provided.
- v) Width of foot step is less than the requirement.

15.6 Adequacy of Literature supplied with machine:

15.6.1 The following literature was supplied with the tractor for reference during the testing.



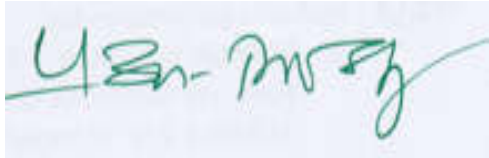
- i) Operator instruction book of MF 5245 DI 4WD Tractor Model.
- ii) Workshop Service Manual of MF 5245 DI 4WD Tractor Model.
- iii) Parts Book of MF 5245 DI 4WD Tractor Model.

15.6.2 The supplied literature was found adequate However, it is recommended that relevant literature may be updated by incorporating the following information:

- i) The complete engine model name is not specified in the workshop manual.
- ii) The grade of engine, transmission lub. oil in operator’s manual is found different as mentioned in the technical specifications. The change period of them is also shown different. This should be strictly check while submitting the technical specifications and printed literatures.
- iii) The printed literature has poor quality pictures of various parts and subassemblies of the tractor. For the user convince pictures should be easily identifiable.

15.6.3 The literatures should also be brought out in national as well as other regional languages for the guidance of users and service personnel.

TESTING AUTHORITY:

C.V. CHIMOTE TEST ENGINEER	
Y.K.RAO SENIOR AGRICULTURAL ENGINEER	
P.K. PANDEY DIRECTOR	

Draft test report is compiled by: **Nitesh Kumar Verma**, Agricultural Engineer.

T-1582/2110/2021	TAFE, MF 5245 DI 4WD TRACTOR– Commercial (1st Batch Test)
	(THIS TEST REPORT IS VALID UPTO: 30/09/2026)

16. APPLICANT'S COMMENTS

Para no.	Our reference	Applicant comments
16.1	15.3.1.2 ,15.3.1.3,15.3.1.4,15.3.1.5, 15.5 & 15.6.2	We will study and take appropriate corrective actions.

ANNEXURE- I

TRACTOR RUN HOURS DURING TEST

A.	LABORATORY AND TRACK TESTS:	HOURS
1.	Running-in	36.0
2.	PTO performance test	17.1
3.	Power lift and hydraulic pump performance test	3.8
4.	Drawbar performance test	18.7
5.	Brake test	2.1
6.	Noise measurement	1.7
7.	Air cleaner oil-pull over test	3.5
8.	Mechanical vibration test	1.0
9.	Nominal speed test	1.5
B.	HAULAGE TEST:	5.4
C.	Miscellaneous test and other run hours including idle run, transportation, trials and preparation for test	5.5
	TOTAL:	96.3