

F.No. 13-17/2021 -M&T (I&P)
Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture and Farmers Welfare
(Mechanization & Technology Division)

Krishi Bhawan, New Delhi
Dated 28th of July, 2022.

OFFICE MEMORANDUM

Subject: Implementation of the Guidelines for the Introduction of New Regime of Testing of Tractors at CFMTTI, Budni- reg.

Presently, Central Farm Machinery Training and Testing Institute (CFMTTI), Budni is the only authorized test centre to test Agricultural Tractors. As per citizen charter of this Ministry, time required to test the tractor is 9 months. In view of the issue of long testing period for the testing of tractors, this Department had constituted a committee to revisit the testing processes to reduced the testing time.

In view of the observations and recommendations of the committee, maximum time limit for completion of testing of tractors has been reduced to maximum 75 working days to commemorate the 75th Year of India's Independence "Azadi Ka Amrit Mahotsav". This has also necessitated the re-framing of the guidelines to realize the above target. The Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, therefore, has approved the revised guidelines for the introduction of new, effective and faster process of Testing of Tractors at CFMTTI, Budni as per enclosed Annexure for its implementation with effect from 15th of August, 2022.

Encl: as above



(Shomita Biswas)
Joint Secretary (M&T)

Distribution:

1. Director, CFMTTI, Budni-The action taken report in this regard may be submitted to this department at the earliest.
2. Shri. Hemant Divekar, Chairman- Technical Committee, TMA
3. Shri. Hemant Sikka, President, TMA
4. Shri. Debasish Mahalik, Scientist-B / Assistant Director & Member Secretary, FAD 11, Food and Agriculture Department, Bureau of Indian Standards, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi – 110002- With a request for incorporating it into the relevant Testing Standards as may be required on priority.

Copy to:

1. Sr. PPS to Secretary, DA&FW/PPS to AS (AL)/PPS to JS (M&T)
2. ADC (Machinery)/DC-I&II (M&T)/AC-I&II (M&T)
3. Dr. Pannalal Singh, Principal Scientist, IARI, ICAR

GUIDELINES FOR THE INTRODUCTION OF NEW TESTING REGIME OF TESTING OF TRACTORS AT CFMT&TI BUDNI:

1. Selection of Test Sample: For Initial Commercial Testing, the applicant may submit the test sample directly to the institute without requiring any random selection. However, there shall be minimum 5 test samples to be selected from, by the institute in case of Batch Testing. The manufacturer shall submit the sample **ONLY AFTER EXPLICIT PERMISSION BY THE INSTITUTE** to be taken into testing roll.
2. Verification of specification, declaration including measurement of pto shaft, drawbar linkage, Three Point Linkage , Nominal speed test etc., shall be carried out by the institute in its campus only.
3. In the application itself place of running in shall be declared by the applicant. The running-in of the test sample under ICT/Batch may be conducted at the manufacturer's site. However, if the manufacturer wishes to conduct the same at CFMTTI, Budni, the same will be charged separately as per the applicable rates of testing.
4. The following Four Performance Tests are mandatory for the Agricultural Tractor and these tests shall be carried out at Central Farm Machinery Training & Testing Institute, Budni only.

<u>Mandatory Tests:</u>			
Sr. No.	Test	IS Standard Applicable	Place of Test
(i)	PTO Performance	IS:12036-1995 & Sr. No. i [(a) to (h)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni
(ii)	Hydraulic Performance	IS:12224-1987 & Sr. No. iii [(a) to (b)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni
(iii)	Drawbar Performance	IS:12226-1995 & Sr. No. ii	CFMT&TI, Budni

		[(a) to (e)] of Table 1 of IS:12207-2019.	
(iv)	Brake Performance	IS:12061-1994 & Sr. No. iv [(a) to (c)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni

5. The following Tests are optional in nature, and therefore these shall be conducted in the institute only. Further, these may be performed and reported only if they are requested simultaneously with MANDATORY TESTS. Under such circumstances the test report will be released after completion of both mandatory and optional tests and will be out of the limitation of 75 working days. Also, if the applicant opts for one or all optional tests, the relevant "evaluative" criteria as laid down in IS: 12207-2019 shall be applicable.

Optional Tests:			
Sr. No.	Test	IS Standard Applicable	Place of Test
(i)	Noise measurement	IS:12180-1987 / IS:12180 Part 1 -2000 / IS:12180 Part 2 - 2000 & Sr. No. v [(a) to (b)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni
(ii)	Mechanical Vibration measurement	IS:5994-1998 & Sr. No. v [(c)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni
(iii)	Location of centre of gravity	IS:10743-1983	CFMT&TI, Budni
(iv)	Turning ability	IS:11859-2004	CFMT&TI, Budni
(v)	Operator's field of vision	IS:11442-1996	CFMT&TI, Budni
(vi)	Air cleaner oil pull over	IS:5994-1998 & Sr. No. vi	CFMT&TI, Budni

		of Table 1 of IS:12207-2019.	
(vii)	Field Test	IS:9253-2013 & Sr. No. viii of Table 1 of IS:12207-2019.	CFMT&TI, Budni
(viii)	Haulage Test	IS:9253-2013 & Sr. No. vii [(a) to (c)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni
(ix)	Components / Assembly Inspection Test	IS:5994-1998 & Sr. No. xi [(a) to (k)] of Table 1 of IS:12207-2019.	CFMT&TI, Budni

6. The Final Test Report consisting of only MANDATORY TESTS may be released by the institute within 75 working days. In other words 75 working days does not include the time taken for conducting optional tests. Also limit of 75 working days would not be applicable in case of the delay attributable to seasonal constraints such as rainfall, excessive ambient temperature or the ones caused by the firm.

7. Tractors are required to meet with evaluative parameters in respect of the four mandatory tests, in order to be able to be recommended for inclusion in the subsidy list. However if the applicant opts for optional tests also, the tractor shall be required to meet the respective /relevant evaluative parameters for being able to be recommended for subsidy list

8. The First Batch test shall be required to be conducted after 5 years and subsequent ones after the period of 7 years.

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