

F.No. 13-1/2017-M&T(I&P) Part .II
Government of India
Ministry of agriculture and Farmers Welfare
Department of Agriculture, Cooperation and Farmers welfare
(Mechanization & Technology Division)

Krishi Bhawan, New Delhi.
Dated the 13th February, 2018

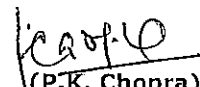
To,

1. All Testing In-charge of approved testing centres At SAUs, IIT, State Agriculture Departments & ICAR (As per list attached)
2. Directors of FMTTIs

Subject : Proceedings of the One day Workshop of Approved Identified Test Centres – reg

Sir,

I am directed to forward herewith the copy of the proceedings of the one day Workshop of Approved Identified Test Centers held under the Chairmanship of Shri Ashwani Kumar, Joint Secretary (M&T) on 1.2.2018 at NASC Complex, PUSA, New Delhi for information and necessary action at your end.


(P.K. Chopra)
AC(M&T)

Copy to :

1. PPS to JS(M&T), for information pl
2. PS to ADC(M&T) for information pl.
3. DC(M&T)-CR,
4. DC(M&T)-M
5. AC (M&T)
6. (AE (M&T)

Proceedings of One Day Workshop of the Approved Test Centres held on 1st February, 2018

A one day Workshop under the Chairmanship of Shri Ashwani Kumar, Joint Secretary (M&T) was held on 1.2.2018 at NASC Complex, PUSA, New Delhi. The Agenda of the work shop were as below:

- (1) To review the progress of the approved centres.
- (2) To assess the future requirements for testing of farm machinery.
- (3) To review the action taken reports on the actionable points of the earlier meetings.
- (4) To address the various issues and problems of the test centres
- (5) To invite the suggestions for the improvement of the quality to ensure quality of the agricultural machinery supplied under the various Government schemes.
- (6) To determine the validity of the test reports.

2. At the outset, Shri V.N. Kale, ADC (Machinery) welcomed the participants and briefed the agenda. The list of the participants is enclosed at annexure-I. The JS(M&T) in his opening remarks, he highlighted the following points.

- o Out of the 32 approved Test centres, by DAC&FW at SAUs & ICAR institutes, about 4 centres have yet to take off and the authorities concerned are directed to give the reasons for the same.
- o Non uniformity in the formats of the test reports of the approved test centres have been noticed which needs to be regularized in consultation with the testing authorities of their nodal FMTTIs.
- o Irregularities in submission of monthly progress report and uploading of progress report of the test centres on the websites that need to regularized and all the monthly and periodical progress reports along with the copy of the test reports may be forwarded to his Ministry before the 5th day of every month which is essential to ensure transparency in testing protocols, assessment of pendency and need for future requirements..
- o The test centres needs to develop "in house" test facility for material testing. If such testing facilities are out sourced, it must be either from a Govt Agency or test lab duly approved /accredited by NABL/BIS etc.
- o Quality Specification of critical components like Rotavator Blades, rotor shaft diameter and gear box of Agricultural machinery call for revision of its relevant Standards, at par with the standards followed at international level. The "upper limits" of the critical performance parameter may be taken in the relevant codes to ensure the quality of the indigenous farm machineries.
- o He advised to the all the testing authorities of FMTTIs and approved test to take up the formulation of test codes, of the farm machinery for which the test codes are not available. These test codes may be shared with all Stake holder before submitting the technical committee of this Ministry and forwarding the final draft to BIS.
- o To review the list of the Testing instruments for test centres at par with the international technologies to update the testing infrastructural facilities at test centres.
- o Prior approval of the Ministry is necessary for any Change in location or name of the Test centre is mandatory.
- o The no of Machineries tested by the Test centres must commensurate with the infrastructural test facilities specifically in terms of trained/Skilled man Power available at the test centres to avoid any doubt of element in following testing Protocols.

- o Any funds released to the test Centres or States by DAC&FW may be utilized within 2 years including the revalidation of of the unspent balance in next successive year in which the fund was released.
- o Testing Authorities of test centres in SAUs and ICAR are advised to develop low cost & high quality Agricultural Machinery for the local farmers which are being imported and authority from FMTTIs may also be involved in such projects. Initially, 1 or 2 such imported implements which are high value & popular in their region may be identified for their R&D work.
- o He also invited the suggestions from all the participants from the test Centres and State Government to check the import of the low quality farm machinery in India.
- o It was advised to organize at least one or two workshop every year for smooth functioning and monitoring of the test Centres.

3. After the opening remarks of the Chairman, Shri V.N. Kale, Additional Commissioner (Machinery) gave a Power Point Presentation highlighting the action taken reports on the various issues, recommendations of the earlier workshops and the progress of the various Committees constituted during the last workshop.

4. Thereafter, authorities concerned of the various test centres were invited presentation to give the details of the year wise progress with the various issues related to their test Centres. The latest updated Status of the test centres is summarized and may be referred at Annexure-II.

Different issues of the Test centres addressed during the workshop are as below:

S.No	Issues	Comments of M&T Division
1.	Shri G.K. Pidiha, Jt Director(Engg) from Chattisgarh, requested for recognition of their test centre for Processing Machinery & P.P equipments. Also, he informed that the Dangerous Machinery Act is not applicable in Chattisgarh State and the Agricultural Machinery Covered under the Acts are not accepted from the manufacturer of Chattisgarh in State of Madhya Pradesh where, Dangerous Machinery Act is applicable. He requested the Ministry to look into the matter.	Detailed Proposal may be forwarded to the Ministry. Advised to submit a self content propos this would be examined by this Ministry to resolve the issue quickly.
2.	Dr T.D Mehta, Asstt Prof Test Engineer, CAET, Junagadh, has informed that they have developed the facility for Boom Sprayers and PHT equipments and sought the approval to test the same.	A fresh Proposal may be forwarded to this Ministry.
3.	Dr S.N. Yadav, Prof & Testing In-charge, CAEPHT, Gangtok, informed that they have developed the testing facilities but application for testing from any of the manufacturer is still awaited.	Director, NERFMTTI, Biswanath Chariali, may look into the issue and the manufacturers in NE States may be informed about the test Centre and its facilities.
4.	Dr S.M. Mathur, Prof & I/C test Centre, CTAE Udaipur sought an approval to test PP equipments for which the facilities have already been developed and the proposal was submitted to this Ministry last year 2016-17.	The fresh Proposal may be forwarded to this Ministry.

5.	Testing Centres Authorities, from SAUs requested to include activities of the testing as a part of professional work/academic works of the University for assessment & review of their annual work/assessment reports.	During, the last workshop, a Committee was constituted under the Chairmanship of Dr Indra Mani, Principal Scientist & Head, Deptt. Of Agril Engg, IARI to look into the matter. However, Dr Indramani informed that he did not receive any communication in this regard and requested a fresh copy of the letter issued and assured a quick response in the matter. It was also advised a D.O letter in this regard, at the level DAC&FW may also be issued to the Vice Chancellors of the respective SAUs..
6.	Dr T. Senthil Kumar, Principal Scientist and Head Test RTC-CIAE Bhopal, Coimbatore, requested an approval of their test Centre for Processing machinery for which a project proposal has already been submitted to this Ministry.	Proposal will be examined and action will be taken in due course of time.
7.	Representatives from test Centres sought a clarification on GST applicable on Test fee.	Notification No 12/2017-Central Tax rate, dated 28 th June, 2017 as amended up to 14 th November, 2017, of Ministry of Finance, Govt of India is provided to the Centres.
8.	Er Mukesh Jain, Assistant prof & test engineer, CAET, HAU Hisar requested to review annual increase of testing fee by 15% due to which testing fees of small low cost machinery & equipments have increased substantially, even 2 to 3 times of the cost of the equipment. He also requested for issue of approval for their lab for Plant Protection equipments.	The Testing fee is independent to the cost of equipments. It is worked out on the basis of recurring & non recurring expenditures involved in testing processes as per the test code of the equipment. As regard the approval of their Plant Protection Test lab, a fresh proposal may be submitted to this Ministry.
9.	Er Alok Das, Test Engineer, SLTC, Orissa, pointed out that "Testing Charges" of some of the Processing equipments for which applications have been received at their test centres, are not given in SMAM Guidelines.	Advised to work out the details of the test fee of such processing machinery and forward the same with a self content proposal for the approval of this Ministry.
10.	Shri T Murgeson, Supdt. Engineer, Directorate of Agril Engineering, T.N and Dr D Asokan, Prof & Head, Agril Engineering College, TNAU Trichy, requested to recognize their Centre for PHT equipments.	Requested to submit the proposal in the in this regard.
11.	Shri Vipin Laddha, Agri. Eng. FIMTT, SKRK University, Bikaner has sought an approval for their plant protection equipments	Requested to submit the proposal in the in the matter.

5. After the long deliberations and discussions the following recommendations were made:

- (a) Monthly and periodical reports of the testing activities will be submitted on regular basis on every first day of the month through email which will be followed by hard copy of the same and uploading the same on their websites. The link of the web-site will be shared by test centre to DAC&FW.
- (b) The validity of the test report in respect of agricultural machinery except tractor, power tillers and combine harvester would be for five years w.e.f 1.04.2018. All the

machinery tested prior to April 2013, will have to go under retesting if their model is continuing without change in specification. The grace period of one year will be provided for retesting of the machinery from the date of expiry of the validity. (The same will come in force after the approval of the competent authority and will be communicated in the due course of time).

- (c) The test codes of the machineries would be prepared by the Testing Authorities of the Testing Centres mentioned against the Test Codes. The Test draft test codes will be reviewed & examined by the regional Technical committees that would be constituted under the Chair-man Ships of The Directors of the respective FMTTIs and the draft approved by these committee would be forwarded to the DAC&FW for vetting and forwarding the same to the BIS after the approval o the competent authority.

S.No	Test Centres	Codes of the Machinery
1.	Director, NRFMTTI, Hisar	Balers
2.	College of Agricultural Engineering and Technology, Punjab Agricultural University, Ludhiana (Punjab).	Hey Rakes Rice Straw chopper Stubble sever and /Shredder and Multure.
3	CAET, CCSHAU, Hissar	M.P.S of Threshers
4.	Director SRFMTTI, Anantapur	Post Hole Digger Brush Cutter
5	CIAE, Bhopal	Vegetable Transplanter Raised bed planter Plastic mulching machine
6.	Central Institute of Post- harvest Engineering and Technology (CIPHET), PAU campus Ludhiana(Punjab).	Seed Cleaner cum grader Grain cleaner cum drier Forage Harvester
7.	IIT-Kharaghpur	Paddy par Boiling machine
8.	Tamil Nadu Agricultural University, Coimbatore (Tamil Nadu)/CAET, Trichy	Turmeric Boiler Millet Mill Turmeric Polisher
9.	Farm Machinery Testing Center, ICAR-Central Institute of Agricultural Engineering, Regional Center, Sugarcane Breeding Institute- Coimbatore	Vegetable Washer

10	Farm Machinery Testing Centre, Kerala Agricultural University Kelappaji College of Agricultural Engineering & Technology Tavanur, Malappuram	Ridge Plastering Equipment
		Tree Climber
		Automatic Nursery Raising Machine
		Minimum performance Standard of the above machine
11.	College of Technology and Agricultural Engineering, Maharana Pratap, University of Agriculture and Technology, Udaipur (Rajasthan).	Fertilizer Broadcaster
		Seed dressing drum
		Earthing up machine machine
		Bund former
12.	College of Agricultural Engineering and Technology, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, DAPOLI. Maharashtra Dapoli	Motor Operated hold on type Paddy Thresher
		Motor Operated hold on type Paddy Thresher-cum winnower
		Dehusker
13.	College of Agricultural Engineering and Technology, Orissa University of Agriculture and Technology, Bhubaneswar (Orissa)	Solar drier
		Evaporative low energy cooling System
		Fruit Vegetable Grader
		Pre-germinated Seeder drier
14	Director, CFMTTI, Budni	Stip till Drill
15	Dr. A.S. College of Agricultural Engineering Mahatma Phule Krishi Vidyapeeth, Rahuri, Distt. Ahmednagar, Maharashtra (MPKV)	Groundnut Digger
		Onion Digger
		Rotavator Blade
		Tractor operated Intra and Inter row weeder
16	College of Technology, Gobind Ballabh Pant University of Agriculture and Technology, PANTNAGAR (UTTARANCHAL)	Sub Soiler
17	Farm Implements and Machinery Testing & Training Centre, Central Workshop, Swami Keshwanand Rajasthan Agricultural University, Bikaner	

	(Rajasthan).	
		Onion seeder cum Planter
		Manure Spreder
18	College of Agricultural Engineering and Post Harvest Technology, (CAEPHT), Gangtok	
		Root wash type Rice Transplanter
19	College of Agricultural Engineering & Technology, Junagarh Agricultural University, JUNAGARH (GUJARAT)	
		Rotary Power harrow
20	Division of Agricultural Engineering, Indian Agricultural Research Institute, NEW DELHI-12.	
		Feed Block Machine
21	Prof. Jayashankar Telenga State Agricultural University (PJTSAU), FMTC, Hyderabad	
		Groundnut Planter
		Herbicide Applicator

(d) All the test centres will formulate the test codes as above and forward the same to respective FMTTIs. In the 2nd week of April, 2018, the Directors, FMTTIs will call the meetings of the committee to finalize the first draft and approved draft to be forwarded before the end of 3rd week of April, 2018 to DAC&FW.

(e) Selection of Test Sample through the Random sampling will be mandatory for all test centres. Cost of the to and fro charges of the staff going for random sampling has to be borne by the respective manufacturer.

(f) All the test codes will include the Minimum performance Standards to determine the quality of the machinery.

(g) The next workshop will be organized by the State level Agriculture Implement Testing Centre, Agriculture Department, Govt. of Chhattisgarh, at Raipur in the month of August-September, 2018.

(h) For development of infrastructure for testing of fractional horsepower engine, a proposal may be obtained from interested testing centres for consideration.

Meeting ended with vote of thanks to the Chair.

