प्रारंभिक व्यावसायिक परीक्षण रिपोर्ट INITIAL COMMERCIAL TEST REPORT

माह/Month : November, 2023

Application Reference No. 28/2023-24/12

(यह परीक्षण रिपोर्ट 30/11/2028 तक वैध है/ THIS TEST REPORT IS VALID UPTO 30/11/2028)



Make of Agricultural Tractor	
Model	
Manufactured by	

JOHN DEERE 5039D V5

M/s. John Deere India Pvt. Ltd. Gat No.166 - 167 & 271 - 291, Off. Pune-Nagar Road, Sanaswadi, Pune - 412 208



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)

E-mail: fmti-mp@nic.in

Web site: http://www.fmttibudni.gov.in

Telephone: 07564-299003 Page 1 of 33

IMPORTANT INFORMATION

The Government of India, Ministry of Agriculture and Farmers' Welfare has directed, vide a OM No. 13-17/2021-M&T(I&P) dated 28.07.2022, that since 15th August, 2022, only mandatory tests will be carried out on a tractor unless applicant has expressly requested for optional tests as well, mentioned in the above captioned OM.

In the instant case, there is no request from the applicant to carry out the optional tests hence only Mandatory Tests, as given below, have been conducted and reported in this report: -

- **1. PTO performance**
- 2. Hydraulic performance
- 3. Drawbar performance
- 4. Brake performance

Month: November	Test Report No.: 1792/2323/2023	Year: 2023



GOVERNMENT OF INDIA CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE TRACTOR NAGAR, BUDNI (MADHYA PRADESH) 466445, INDIA E-mail: <u>fmti-mp@nic.in</u>

Web site: http://www.fmttibudni.gov.in

Telephone: 07564-299003

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 2 of 33

T-1792/2323/2023 JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TES				
THIS TEST REPORT IS VALID UPTO: 30/11/2028				
[C]	Tractor manufacturer's name and address	: M/s. John Deere India Pvt. Ltd. Gat No.166 - 167 & 271 - 291, Off. Pune-Nagar Road, Sanaswadi, Pune - 412 208		
[D]	Location of tractor assembly	 (i) M/s. John Deere India Pvt. Ltd. Gat No.166 - 167 & 271 - 291, Off. Pune-Nagar Road, Sanaswadi, Pune - 412 208 (ii) M/s. John Deere India Pvt. Ltd. Survey No.501, Village-Khatamba Jamgod, Dewas Bhopal Highway, Dewas (Madhya Pradesh) - 455 115 		
[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, (h): -Engine	: 20		
	-Transmission	: 20		
[C]	Location of test	: Government of India, Central Farm Machinery Training and Testing Institute, P.O Tractor Nagar, BUDNI – 466445 (M.P.), INDIA		
	1. SPECIFIC	CATIONS OF TRACTOR		
1.1 1.1.1 [C] [C] [C]	Identification: Denomination Make of tractor Model (trade name) Type	: JOHN DEERE : 5039D V5 : Rear Wheel Drive, Standard Agricultural		
		Tractor.		
[C]	Month & year of manufacture	: 09 & 23		
[D] 1.1.2	Country of origin Numbers:	: India		
[D]	1 st Serial No. or prototype Serial No.	: 1PY5039DCPA018034 : 1PY5039DJPL019355		
[C] 1.2	Engine:	. IF 13033DJFL013333		
[D]	Manufacturer's address	 (i) M/s. John Deere India Pvt. Ltd. Gat No.166 - 167 & 271 - 291, Off. Pune-Nagar Road, Sanaswadi Taluka – Shirur, Pune - 412 208 (ii) M/s. John Deere India Pvt. Ltd. Survey No.501, Village-Khatamba Jamgod, Dewas Bhopal Highway, Dewas (Madhya Pradesh) - 455 115 		
[C]	Make	: John Deere India Pvt. Ltd.		
[C] [C]	Model Type	: 3029DPY97: Four stroke, naturally aspirated, liquid cooled,		
[0]	i yhe	direct injection, diesel engine.		
[C]	Serial No.	: PY3029D765325		

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 5 of 33

THIS TEST REPORT IS VALID UPTO: 30/11/2028

6. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

6.1 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:

SI. No.	Ch	aracteristic	Category (Evaluative / Non Evaluative)	Requirements as per IS: 12207-2022	Values declared by the applicant/ (D) Requirement (R)	As observed	Whether meets the require- ments (Yes/No)
1		2	3	4	5	6	7
				linistry's Office Memorandum	No. 13-17/	2021-M&	Г (І&Р)
6.1.1		d 28 th of July, 2 Performance:	2022).				
a)		num power	Evaluative	Declared value to be achieved with	26.0	27.1	Yes
u)	unde (kW)	r 2 h test, (Natural ent condition)		a tolerance of: $\pm 5\%$ for PTO power and or engine power >26 kW. $\pm 10\%$ for PTO power and or engine ≤ 26 kW.	(D)	21.1	103
b)		er at rated e speed, (kW)	Non Evaluative	-do-	25.7 (D)	27.1	Yes
c)	c) engine speed, (kW) c) Specific fuel consumption corresponding to maximum power, (g/kWh)		Evaluative	Should not be more than 10% of declared value.	260 (D)	269	Yes
d)	Maxir equiv crank (Nm)		Non Evaluative	± 8%	153 (D)	144.3	Yes
e)	Back- perce	-up torque, ent	Evaluative	Should be min. 12%	12 (D) 12 (R)	17.0	Yes
f)		num operating	,	(°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.	135(D)	122	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.	120(D)	104	Yes
g)	Engir consı (g/kW	umption,	Evaluative	Not exceeding 1% of SFC at max. Power under natural ambient conditions.	2.69 Maximum (R)	0.32	Yes
h)		ke level, m ⁻¹	Evaluative	Maximum light absorption coefficient of 3.25 per meter or equivalent BOSCH No. 5.2 or 75 Hatridge value (As per CMVR).	3.25 per meter Maximum (R)	0.36	Yes
6.1.2		bar performan		Minimum 70% of static mass	10 1 (D)		Net
a)	with corre	drawbar pull ballast sponding to ercent wheel kN)	Non Evaluative	Minimum 70% of static mass of tractor with ballast.	<u>18.1 (D)</u>		Not appli- cable

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 27 of 33

T-1792	JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TEST				FEST			
1-1752	1232	5/2025		THIS T	EST REPORT IS VALID UP	TO: 30/11/2	2028	
1	2 3 4		5	6	7			
b)			allast g to	Evaluative	Minimum 70% of static mass of tractor without ballast or with standard ballast, as the case may be.	12.1 (D) 12.32 (R) Minimum	15.21	Yes
c)		nout ba	ower Illast,	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.	20.8 (D) 21.7 (R) Minimum	25.3	Yes
d)	tran tem	kimum Ismission perature,		Evaluative	The declared value should not exceed the maximum value specified by oil company	120 (D)	81	Yes
6.1.3				raulic pump p				
a)	1)	At hitch points	ng cap	Evaluative	ut the range of lift, (kN): Should not be less than 90% of declared value.	13.7 (D) 12.33 (R) Minimum	15.10	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.	12.20 (D) 6.38 (R) Minimum	12.64	Yes
b)	the poin of eacl inter dura	timum dro height o It of applie the force In 5 mi rval for a ation of utes, (mm)	f the cation after nutes	Non Evaluative	The observed value should not exceed 50 mm	50 (D) Maximum	10	Yes
6.1.4			mance	e at 25 kmph:			•	
a)	Max				force, equal to or less than 6	00 N on brak	ke pedal v	without
	1)	Cold b		Evaluative	10	10 (R)	7.94	Yes
	2)	Hot bra		Evaluative		10 (R)	8.09	Yes
b)	brak a fo foot	ether pa ke is effect rce of 600 pedal (s) c hand leve	N at or 400	Evaluative	Yes / No	Yes	Yes	Yes
6.1.5	As	TIONAL T the applie iducted.			I for any optional tests, there	fore no opti	onal test	s was
6.1.6		ety featur	es :					
a)	Gua	ards ag ving and	ainst hot	Evaluative	Belt drives, pulleys, silencer, hydraulic pipes [As per IS 12239 (Part2)]	Meets requirer		Yes

٦

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 28 of 33

T-1792/2323/2023

JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TEST THIS TEST REPORT IS VALID UPTO: 30/11/2028

1	r	2	3	4	5	6	7
1 b)	Liał	 nting	ہ Evaluative	4 As per CMVR		nforms	Yes
	arra	angement					
c)	req (Tra		Non Evaluative	Should meet the requirements of IS: 12343 (As amended from time to time)	me	es not et the irement	No
d)	Tec req PT(chnical uirements for D shaft	Non Evaluative	Should meet the requirements of IS: 4931 (As amended from time to time)		ets the irement	Yes
e)		nensions of ee point linkage	Non Evaluative	Should meet the requirements of As per IS :17231-2019	me	es not et the irement	No
f)	link	ecifications of age drawbar	Non Evaluative	Should meet the requirements of IS: 12953 (As amended from time to time)	requi	ets the irement	Yes
g)	(wh	nging drawbar erever fitted)	Non Evaluative	Should meet the requirement of IS: 12362 (Part 3) (As amended from time to time)		provided	Not appli- cable
h)	1)	Maximum travelling speed at rated engine speed in reverse gears, Kmph	Evaluative	Should not exceed 20 Kmph	(Me	3.46 ets the rement)	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. The safety aspects about the operation of shuttle technology shall be brought in operation and manufacturer /dealer shall ensure the training on this aspect to operator before the delivery of tractor.	Not	t fitted	Not appli- cable
6.1.7				f labelling plate):			
	1) 2)	Make Model	Evaluative Evaluative	Should conform to the requirements of CMVR		Deere 9D V5	Yes Yes
	3)	Model Month & Year of manufacture	Evaluative	along with maximum PTO Power in kW and year of manufacture in numerical		9D V5 9 & 23	Yes
	4)	Engine number	Evaluative	form. MM YY		9D765325	Yes
	5)	Chassis number	Evaluative	Digit 01 – 12 in box No.1for		DJPL0193	Yes
	6)	Maximum PTO power, (kW)	Evaluative	MM will represent the months and next two digits in box No.2 for YY		(35.4)	Yes
	7)	Specific fuel consumption, g/kWh	Evaluative	will represent the year of Manufacturing.	260	(191.3)	Yes

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 29 of 33

T-1792/2323/2023

JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TEST THIS TEST REPORT IS VALID UPTO: 30/11/2028

1	2	3	4	5	6	7
6.1.8	Literature (Submis	sion to test a	gency):		•	•
(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
6.1.9	Fitment of Roll Ove	er Protective	Structures (ROPS):			
	For tractor having more than 1150 mm rear track width	Evaluative	ROPS should meet the requirement of IS:1182 or OECD code or equivalent International Standard	Not	fitted	Not applicable
6.1.10	Standard Accessories	Evaluative	Trailer hitch, front tow hook, linkage drawbar should be provided with tractor	Prov	vided	Yes
6.1.11	Accessories (optional)	Non Evaluative	Ballast weight, if fitted, should meet the requirement of CMVR	Not	fitted	Not applicable

6.2	CATEGORY O	F BREAKDO	WNS / DEFECTS (As per clause 5.0 c	of IS:12207-2022	2):
S. No.	Category of break-downs	Category (Evaluative / Non Evaluative)	Requirements as per IS: 12207-2022	As observed	Whether meets the Require -ments (Yes/No)
1.	Critical	Evaluative	No critical breakdown	None	Yes
2.	Major	Evaluative	Not more than two and neither of them should be repetitive in nature	None	Yes
3.	Minor	Evaluative	Not more than five and frequency of each should not be more than two.	None	Yes
4.	Total breakdowns	Evaluative	In no case, the total number of breakdowns should exceed five, that is, (2 major + 3 minor) or (1 major + 4 minor) or 5 minor breakdowns.	None	Yes

6.3 Conformity with following IS:

 i) Guidelines for declaration of power and specific fuel consumption and labeling of agricultural tractors (First revision) [IS:10273 -1987 (Reaffirmed Year 2019)] ii) Agricultural tractors - Rear mounted power take-off - Types 1, 2 and 3 : Conforms (third revision) [IS:4931-1995 (Reaffirmed Year 2019)] iii) Agricultural wheeled tractors - Rear mounted three-point linkage: [IS: Does not IS:17231-2019] iv) Drawbar for agricultural tractors - Link type [IS 12953:1990 (Reaffirmed : Conforms Year 2022)] v) Agricultural tractors- Operator's seat technical requirement [IS12343 - Conforms Year 2022)] v) Agricultural tractors- Operator of agricultural tractors:Part 1 : Does not 2021] vi) Guide for safety & comfort of operator of agricultural tractors:Part 1 : Does not conform General requirements (first revision):[IS 12239 (Part 1) - 2018] vii) Tractors and machinery for agriculture and forestry - Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999) (Reaffirmed Year 2019)] 	0.5			
 (third revision) [IS:4931-1995 (Reaffirmed Year 2019)] iii) Agricultural wheeled tractors – Rear mounted three-point linkage: [IS: : Does not IS:17231-2019] iv) Drawbar for agricultural tractors – Link type [IS 12953:1990 (Reaffirmed : Conforms Year 2022)] v) Agricultural tractors- Operator's seat technical requirement [IS12343 - : Does not 2021] vi) Guide for safety & comfort of operator of agricultural tractors:Part 1 : General requirements (first revision):[IS 12239 (Part 1) - 2018] vii) Tractors and machinery for agriculture and forestry – Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999) 	i)	labeling of agricultural tractors (First revision) [IS:10273 -1987 (Reaffirmed	:	Conforms
 IS :17231-2019] iv) Drawbar for agricultural tractors – Link type [IS 12953:1990 (Reaffirmed : Conforms Year 2022)] v) Agricultural tractors- Operator's seat technical requirement [IS12343 - 2021] vi) Guide for safety & comfort of operator of agricultural tractors:Part 1 : Does not conform General requirements (first revision):[IS 12239 (Part 1) - 2018] vii) Tractors and machinery for agriculture and forestry – Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999) 	ii)		:	Conforms
 Year 2022)] v) Agricultural tractors- Operator's seat technical requirement [IS12343 - : 2021] vi) Guide for safety & comfort of operator of agricultural tractors:Part 1 : General requirements (first revision):[IS 12239 (Part 1) - 2018] vii) Tractors and machinery for agriculture and forestry – Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999) 	iii)		:	
2021]conformvi)Guide for safety & comfort of operator of agricultural tractors:Part 1 : General requirements (first revision):[IS 12239 (Part 1) - 2018]Does not conformvii)Tractors and machinery for agriculture and forestry – Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999)Does not conform	iv)		:	Conforms
Vii)General requirements (first revision):[IS 12239 (Part 1) - 2018]conformvii)Tractors and machinery for agriculture and forestry – Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999)Does not conform	v)	о і і і	:	
ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999) conform	vi)	, , ,	:	
	vii)	ensuring safety Part 2: Tractors (first revision) (IS 12239 (Part 2) 1999)	:	

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 30 of 33

JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TEST THIS TEST REPORT IS VALID UPTO: 30/11/2028

viii)	Guide lines for location and operation of operator controls on agricultural	:	Does not
	tractors and machinery [IS: 8133 - 2021]		conform
:	Transform and modeling and for a minute set of formation, a supported by the set		0

- Tractors and machinery for agriculture and forestry, powered lawn and : Conforms garden equipment Symbols for operator controls and other displays Part2 Symbols for agricultural tractors and machinery [IS: 6283(Part-1) 2006 (Reaffirmed Year 2019) and IS: 6283 (Part-2) 2007 (Reaffirmed Year 2019)]
- **x)** Agricultural Tractors and Machinery-Lighting device for travel on public : Conforms roads (IS:14683-1999) (Reaffirmed Year 2019)]

6.4 Salient Observations:

6.4.1 Laboratory tests:

6.4.1.1 Operator's seat:

The following parameters do not meet the requirement of IS: 12343-2021.

- i) Provision for adjustment of driver's mass has been specified as 50 to 120 kg against the requirement of 40 to 100 kg
- ii) Vertical distance from SIP to centre of accelerator pedal has been measured as 510 mm, Against the requirement of 230 to 460 mm.
- iii) Vertical distance from SIP to centre of steering control wheel has been measured as 250 mm against the requirement of 265 to 385 mm.
- iv) Vertical distance from SIP to foot rest has been measured as 580 mm against the requirement of 450 to 520 mm.

This should be looked into for necessary corrective action.

6.4.1.2 Operator's work place:

The following parameters does not meet the requirement of IS: 12239 (Part-I) 2018.

- i) Spark arresting device has not been provided in the exhaust system.
- ii) Vertical retainers on inner side of clutch pedal are not provided. This should be looked into for necessary corrective action.

6.4.1.3 Three-point linkage:

The dimensions viz. width of ball of upper hitch points & width of ball of lower hitch point does not meet the requirements of IS: 17231-2019. This should be looked into for corrective action.

6.5 Specification of Tractor:

i) Discrepancies in the specification between the Specification sheet and Operator's manual are as under:

	S.	Description	As per Specification	As per Operator's manual
	No.		Sheet	
Γ	а.	Name & Brand name of	Recochem	John Deere COOL-GARD II
		coolant, Coolant -water	ethylene glycol, 1:4	Premix, in a concentration of 50%
		ratio		ethylene glycol. (P. No. 85-5)

(ii) During the inspection the type of clutch was found "dual type clutch" which as declared by the manufacturer as per specification sheet no.2.10.1 & operator's manual (P No. 155-2) specified as "single dry friction plate". This should be looked into for necessary corrective action.

6.6 Maintenance / Service Problems:

No noticeable maintenance or service problem was observed during the test.

6.7 Recommendation with regard to safety on tractor:

i) Identification of hand controls by colour has not been provided as per the requirement as laid down in Table – 5 of IS: 8133-2021.

This should be looked into for necessary corrective action.

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI Page 31 of 33

JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TEST THIS TEST REPORT IS VALID UPTO: 30/11/2028

6.8 Recommendation with regard to safety on tractor:

- i) Colour codes on illuminated display has not been provided as per the requirement as laid down in IS: 6283 (Part 2): 2007.
- ii) Identification of hand controls by colour has not been provided as per the requirement as laid down in Table 5 of IS: 8133-2021.

Above parameters should be looked into for necessary corrective action.

6.9 Adequacy of Literature supplied with machine:

- 6.9.1 The following literatures were supplied with the test tractor for reference during the test: -
 - a) Operator's Manual for John Deere 5036D, 5038D, 5039D 5042D, 5045D, 5050D, 5050D
 V8, 5105, 5105 4WD V2, 5205 and 5005 tractor models.
 - b) Workshop/ Service/ Repair Technical Manual Part-1 & Part-2 for John Deere 5036D, 5038D, 5039D 5042D, 5045D, 5050D, 5050D V8, 5105, 5105 4WD V2, 5205 and 5005 tractor models.
 - c) Parts Catalogue for John Deere 5105 -5105 V5 and 5105 4WD V2 tractor models.

i) Details of clutch type & PTO speeds.

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

C.S. RAGHUWANSHI AGRICULTURAL ENGINEER R.P. PANDEY SENIOR INSTRUMENTATION SENIOR INSTRUMENTATION Randey A. K. UPADHYAY DIRECTOR (I/C)

TESTING AUTHORITY

Draft Test Report compiled by Sh. Pratyush Satya, Senior Technical Assistant.

STITUTE – BUDNI Page 32	TESTING INSTITUTE - E	RY TRAINING AND	L FARM MACHINERY	CENTRAL
-------------------------	------------------------------	-----------------	------------------	---------

^{6.9.2} The operator manual may be brought out for the guidance of users and service personnel as per IS: 8132-1999 incorporating, inter alia, the following:

JOHN DEERE, 5039D V5 TRACTOR- INITIAL COMMERCIAL TEST THIS TEST REPORT IS VALID UPTO: 30/11/2028

7. APPLICANT'S COMMENTS

Para no.	Our reference	Applicant comments	
7.1	6.5 (i) & (ii)	Your valuable comments & suggestion, for improvements are well taken. Under our policy of continuous product improvement these aspects are further being looked into & will take appropriate actions to eliminate this deviation soon wherever necessary.	

ANNEXURE-I

Α.	LABORATORY AND TRACK TESTS:	HOURS
1.	Running-in	Applicant has declared it to be conducted on their
		work place.
2.	PTO performance test	17.2
3.	Power lift and hydraulic pump performance test	3.8
4.	Drawbar performance test	5.5
5.	Brake performance test	2.0
6.	Nominal speed test	2.0
В.	Miscellaneous test and other run hours including idle run, transportation, trials and preparation for test.	2.4
	TOTAL:	32.9

TRACTOR RUN HOURS DURING TEST

CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE – BUDNI	Page 33 of 33
---	---------------