

व्यावसायिक परीक्षण रिपोर्ट (वैरिएंट)-  
(प्रथम बैच परीक्षण)  
COMMERCIAL TEST REPORT (VARIANT)-  
FIRST BATCH TEST

संख्या/No. : T- 1563/2091/2021  
माह/Month : July, 2021

(यह परीक्षण रिपोर्ट 31/07/2026 तक वैध है / THIS TEST REPORT IS VALID UPTO 31/07/2026)



## JOHN DEERE, 5042D V3 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, Cooperation & Farmers Welfare)  
केन्द्रीय कृषि मशीनरी परिक्षण 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.) 466445

E-mail: [fmti-mp@nic.in](mailto:fmti-mp@nic.in)

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

Telephone: 07564-234729

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

	No of holes.	5 holes	5 holes
6.	Make & model group combination number of governor	Bosch, India & RSV425...1050A2C1768R	Bosch, India & RSV425...1050A2C1933R
7.	Injection timing	12.5±1 degree before TDC	13± 1 degree before TDC
8.	Bare radiator capacity, (l)	3.7	3.7
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
9.	Total cooling capacity, (l)	8.0	8.20
10.	Type of clutch	Single, Diaphragm, Dry friction plate	Dual, dry friction pads
11.	Range of nominal speed, kmph:		
	- Forward	3.13 to 34.18	2.83 to 30.91
	- Reverse	4.11 to 14.86	3.72 to 13.46
12.	Speed reduction through rear axle & final drive	6.0 : 1 (Sun gear - 16T, planet-31 T & ring gear -80T)	6.857 : 1 (Sun gear -14T, planet-33T & ring gear - 82T)
13.	Engine to PTO speed ratio	3.833:1 (46/12T)	3.83:1 (46/12T) & 2.933:1(44/15T) (Economy)
14.	Tyre size & ply rating (rear wheels)	12.4 x 28 & 12PR	13.6 x 28 & 12PR
15.	Make & size of rear wheel rim	WILP & W11 x 28	SSWL & W12 x 28
16.	Unballasted mass of tractor, kg (Front/Rear/Total)	660/1130/1790	620/1210/1830
17.	Declared maximum PTO power, kW	23.0	26.5

Subsequent to the examination of this case in light of clause 8.4 of IS:12207-2019, the following tests were considered to be carried out:

- Specification checking
- Nominal speed test
- Two-hour maximum PTO power performance test under normal ambient condition.

And accordingly, the batch testing of variant model has been carried out as per clause 7.4 of IS:12207-2019.

## 2. FUEL AND LUBRICANTS

- 2.1 Fuel** : The high-speed diesel oil supplied by M/s Indian Oil Corporation Limited having density of **0.836 gm/cc** at 15°C was used.

### 2.2 Lubricants:

Particulars		As recommended by the manufacturer	As used during the test
1.	Engine oil	SAE 15W-40	As recommended
2.	Transmission, Hydraulic, Steering and brake systems oil	John Deere Hy Guard	Oil originally filled in the tractor was not changed
3.	Grease	John Deere high temperature Extreme pressure non-clay grease	Servo grease MP

## 3. ESSENTIAL TEST

### 3.1 SPECIFICATIONS

- 3.1.1 Tractor:**  
Make : John Deere

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

Model : 5042D V3  
Type : Four wheeled, Rear-wheel drive, Unit construction, Agricultural Tractor  
Month & Year of manufacture : 02 & 21  
Chassis number : 1PY5042DHMA029446  
Country of Origin : India

**3.1.2 Engine:**

Make : John Deere  
Model : 3029DPY98  
Type : Four stroke, naturally aspirated, liquid cooled, direct injection, diesel engine.  
Serial number : PY3029D615043

**Engine speed (Manufacturer's recommended production setting), (rpm):**

- Maximum speed at no load, : 2250 to 2350  
- Low idle speed : 800 to 900  
- Speed at maximum torque : 1100 to 1400

**Rated speed, (rpm):**

- For PTO use : 2100  
- For drawbar use : 2100

**3. 1.3 Cylinder & Cylinder Head:**

Number : Three  
Disposition : Vertical, inline  
Bore/stroke, (mm) : 106.5 / 110  
Capacity as specified by the applicant, (cc) : 2940  
Compression ratio : 18.5: 1  
Type of cylinder head : Monoblock, cross-flow  
Type of cylinder liners : Wet, replaceable  
Type of combustion chamber : Direct injection  
Arrangement of valves : Inline, Overhead

**Valve clearance (cold):**

- Inlet valve, (mm) : 0.35  
- Exhaust valve, (mm) : 0.45

**3. 1.4 Fuel System:**

Type of fuel feed system : Gravity and force feed

**3. 1.4.1 Fuel tank:**

Capacity, (l ) : 60.0  
Location : Behind Operator's seat  
Provision for draining of sediments/water : Not provided, however water separator is provided.  
Material of fuel tank : Plastic-PELLD (apa)

**3. 1.4.2 Water separator**

Make : Engine Tech (apa)  
Type : Inverted funnel gravity separation.  
Location : On RHS of engine in between fuel tank and filter.

**3. 1.4.3 Fuel feed pump:**

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

<b>iii) Range of atmospheric condition:</b>		
- Temperature, (°C)	27 to 29	28
- Pressure, (kPa)	NR	98.1 to 98.3
- Relative humidity, (%)	56 to 57	27 to 29
<b>iv) Pressure at maximum power:</b>		
- Intake air, (kPa)	7.5 to 8.2	2.6 to 2.8
- Exhaust gas, (kPa)	8.6 to 8.7	7.2 to 7.6

#### 4. OTHER APPLICABLE TESTS

--None--
----------

#### 5. ADJUSTMENTS, DEFECTS, BREAKDOWNS AND REPAIRS

Sl. No.	Adjustments/Defects/Breakdowns and Repairs	Tractor run hours
--None--		

#### 6. COMPARISON OF SPECIFICATION AND PERFORMANCE CHARACTERISTICS OF PREVIOUS SAMPLE [TEST REPORT NO. T-1069/1594/2017 (February, 2017) AND PRESENT SAMPLE

	<u>Previous sample</u>	<u>Present sample</u>
<b>6.1 Specification:</b>		
<b>6.1.1 Tractor:</b>		
Make :	JOHN DEERE	
Model :	5042D V3	
<b>6.1.2 Engine:</b>		
Make :	JOHN DEERE	
Model :	3029DPY65	3029DPY98
Bore/Stroke, (mm) :	106.5/110	
Specified cubic capacity, (cu.cm) :	2940	
Rated engine speed (rpm) :	2100	
<b>6.1.2.1 Fuel system:</b>		
Make & model/ Group combination no. of fuel feed pump :	Bosch, India & FP/KSG 22AD 104, F 002 A50 035	Bosch, India & FP/KSG 22AD 104, F 002 A50 038
Make & model of fuel filters :	Bosch, India & 9 450 03 117	
Make and model /Group combination no. of fuel injection pump :	Bosch, India & F 002 A2Z 005, PES3A80D320RS2000	Bosch, India & F 002 A2Z A48, PES3A80D320RS2000
Make of fuel injectors :	Bosch, Made in India	
Model of fuel injectors:	F002C70568	
- Nozzle No. :	DSLA154P5534	DSLA154P5666
-Holder No. :	658170648	0432 193 395
Type of injector :	Multi hole (5 holes)	
Manufacturer's production pressure setting, (MPa) :	25.5-26.9	
Injection timing :	13±1 before TDC	

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

Make & model / Group combination no. of governor	: Bosch, India & RSV425...1050A2 C1768R	Bosch, India & RSV425...1050A2 C1933R
<b>6.1.2.2 Lubricating system:</b>		
Total lubricating oil capacity, (l)	: 8.3	8.3
<b>6.1.3 Transmission:</b>		
<b>6.1.3.1 Clutch:</b>		
Type	: Dual, Dry friction plates with pads	
Size, OD/ID, (mm):	Transmission : 280 $\phi$ mm outer diameter and 30.3 cm <sup>2</sup> contact area of each pad having three pads.	
	PTO : 280 $\phi$ mm outer diameter and 30.3 cm <sup>2</sup> contact area of each pad having three pads.	
<b>6.1.3.2 Gear Box:</b>		
<b>No. of speeds:</b>		
- Forward	: 8	8
- Reverse	: 4	4
<b>Range of speed, (kmph) :</b>		
- Forward	: 2.78 to 30.88	2.83 to 30.91
- Reverse	: 3.75 to 13.35	3.72 to 13.46
<b>6.1.4 Service Brake:</b>		
Make	: John Deere (apa)	
Type	: Oil immersed discs	
No. of friction disc	: Two (on each wheel side)	
Area of liners, (cm <sup>2</sup> )	: 545.7	
<b>6.1.5 Wheel equipment:</b>	<b>Previous sample</b>	<b>Present sample</b>
<b>Make &amp; Size of tyres</b>		
- Front	: Goodyear & 6.00-16	JK Tyre & 6.00-16
- Rear	: Goodyear & 13.6-28	JK Tyre & 13.6-28
<b>Standard Track width, (mm):</b>		
- Front	: 1320	1320
- Rear	: 1410	1420
<b>6.1.5.1 Wheel base, (mm)</b>	: 1965	1965
<b>6.1.6 Overall dimensions, (mm):</b>		
- Length	: 3410	3410
- Width	: 1790	1810
- Height (with exhaust pipe)	: 2200	2220
- Ground clearance, (mm)	: 370 (below footrest foot step)	
<b>6.1.7 Operational mass of unballasted tractor(kg):</b>		
- Front	: 660	620
- Rear	: 1140	1210
- Total	: 1800	1830
<b>6.1.8 Conformity with following IS:</b>		<b>Previous sample</b>
i) Guide lines for declaration of power and specific fuel consumption and labelling of agricultural tractors (First revision) [IS10273: 1987 (Reaffirmed in January, 2019)]	: Confirmed	<b>Present sample</b> Confirms
ii) Agricultural tractors - Rear mounted power take-off - Types 1, 2 and 3 (third revision) [IS:4931-1995 (Reaffirmed in January, 2019)]	: Confirmed	Confirms

<b>T- 1563/2091/2021</b>	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

iii)	Agricultural wheeled tractors - Rear mounted three-point linkage: Part 1 Categories 1, 2, 3 & 4 (fourth revision) [IS 4468 (Part-I):1997 (Reaffirmed in 2017)]	:	Confirmed	Confirms
iv)	Drawbar for agricultural tractors – Link type [IS 12953:1990 (Reaffirmed in 2019)]	:	Confirmed	Confirms
v)	Agricultural tractors - Operator's seat technical requirement [IS 12343 –1998 (First revision) (Reaffirmed in January, 2019)]	:	Confirmed	<b>Doesn't Confirm</b>
vi)	Guide for safety & comfort of operator of agricultural tractors: Part 1 General requirements (first revision): [IS 12239 (PT-1) 2018/ISO 4254-1:2018]	:	<b>Did not Confirm</b>	<b>Doesn't Confirm</b>
vii)	Tractors and machinery for agriculture and forestry – Technical means for ensuring safety Part 2: Tractors (first revision) (IS 12239 (PT-2) 1999) (Reaffirmed in January, 2019)]	:	<b>Did not Confirm</b>	<b>Doesn't Confirm</b>
viii)	Guide lines for location and operation of operator controls on agricultural tractors and machinery (first revision) IS: 8133-1983 (Reaffirmed in January, 2019)]	:	Confirmed	<b>Doesn't Confirm</b>
ix)	Tractors and machinery for agriculture and forestry, powered lawn and garden equipment – Symbols for operator controls and other displays [IS: 6283 (Part-1 & Part-2) –2006 & 2007 / ISO 3767-2:1991]]	:	Confirmed	Confirms
x)	Agricultural Tractors and Machinery - Lighting device for travel on public roads (IS: 14683-1999) (Reaffirmed in January, 2019)]	:	Confirmed	Confirms

<b>6.2</b>	<b>Performance Characteristics:</b>	<b><u>Previous sample</u></b>	<b><u>Present Sample</u></b>
------------	-------------------------------------	-------------------------------	------------------------------

<b>6.2.1</b>	<b>PTO Performance:</b>		
	Maximum Power, (kW)	26.7	27.4
	Specific fuel consumption corresponding to maximum power, (g/kWh)	276	274

**6.3 Salient Observations:**

**6.3.1 Laboratory test:**

	<b><u>Previous Sample</u></b>		<b><u>Present Sample</u></b>
<b>6.3.1.1</b>	<b>PTO Performance:</b>		
i)	The maximum PTO power in case of base and variant models was observed as <b>24.2 &amp; 26.7 kW</b> against the declaration of <b>23.0 &amp; 26.5 kW</b> respectively, which meets the requirement of IS: 12207-2014 with regard to tolerance limit.	i)	The maximum PTO power was recorded as <b>27.4 kW</b> against the declaration of <b>26.5 kW</b> , which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
ii)	The specific fuel consumption in case of base and variant models corresponding to maximum power was observed as <b>248 &amp; 276 g/kWh</b> against the declaration of <b>258 &amp; 270 g/kWh</b> respectively, which is within the tolerance limit of IS: 12207-2014.	ii)	The specific fuel consumption corresponding to maximum power was recorded as <b>275 g/kWh</b> against the declaration of <b>270 g/kWh</b> , which is within the tolerance limit of IS: 12207-2019.

**6.2 Adequacy of literature:**

Following literatures of tractor models were supplied with the test sample for reference during the test.

- |                   |                   |
|-------------------|-------------------|
| a) Service Manual | a) Service Manual |
|-------------------|-------------------|

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

- b) Parts Catalogue  
c) Operator's manual

- b) Parts Catalogue  
c) Operator's manual

## 7. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

7.1 On the basis of tests conducted the performance results have been summarized as evaluative (mandatory) and non-evaluation (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 obser- -ved	Whether meets the require- ments (Yes / No)
1	2	3	4	5	6	7
<b>7.1.1</b>	<b>PTO Performance:</b>					
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 $\leq 26$ kW.	26.5 (D)	27.4	Yes
b)	Specific fuel consumption corresponding to maximum power, (g/kWh)	Evaluative	+ 10% Max.	270 (D)	275	Yes
1	2	3	4	5	6	7
<b>7.1.2</b>	<b>Safety features:</b>					
a)	Guards against moving and hot parts	Evaluative	Belt drives, pullies, silencer, hydraulics pipes (as per IS-12239 Part 2)	Meet the requirements		Yes
b)	Lighting arrangement	Evaluative	As per CMVR	Meet 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)	<b>Does not meet the requirements</b>		<b>No</b>
d)	Technical requirements for PTO shaft	Evaluative	Should meet the requirements of IS: 4931 (As amended from time to time)	Meet 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)	Meet the requirements		Yes
f)	Specifications of linkage drawbar	Evaluative	Should meet the requirements of IS 12953 (As amended from time to time)	Meet 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 provided		Not applicable

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

h)	1)	Maximum travelling speed at rated engine speed in reverse gears, kmph	Evaluative	Should not exceed 20 kmph	13.46 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 fitted	Not applicable
<b>7.1.3</b>	<b>Labelling of tractors (Provision of labelling plate):</b>					
	1)	Make	Evaluative	Should conform to the requirements of CMVR along with maximum declared value of PTO power in kW and for month & 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	John Deere	Yes
	2)	Model	Evaluative		5042D V3	Yes
	3)	Month & Year of manufacture	Evaluative		02 & 21	Yes
	4)	Engine number	Evaluative		PY3029D615043	Yes
	5)	Chassis number	Evaluative		1PY5042DHMA029446	Yes
	6)	Declaration of PTO power, kW	Evaluative		26.5 (36)	Yes
<b>7.1.4</b>	<b>Literature (Submission to test agency)</b>					
(a)	Operator manual	Evaluative	Provided /Not Provided	Provided	Yes	
(b)	Parts Catalogue	Evaluative	Provided /Not Provided	Provided	Yes	
(c)	Workshop/ Service manual	Evaluative	Provided /Not Provided	Provided	Yes	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>7.1.5</b>	<b>Fitment of Roll Over Protective Structure (ROPS):</b> 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
<b>7.1.6</b>	<b>Standard accessories</b>	Evaluative	Trailer hitch, front tow hook, linkage drawbar should be provided with tractor	Provided	Provided	Yes
<b>7.1.7</b>	<b>Accessories (Optional)</b>	Non Evaluative	Ballast weights if fitted should meet the requirement of CMVR.	Provided	Provided	Yes

<b>7.2</b>	<b>CATEGORY OF BREAKDOWNS / DEFECTS (As per clause 5.0 of IS:12207-2019):</b>				
<b>S. No.</b>	<b>Category of Breakdown</b>	<b>Category (Evaluative / Non-Evaluative)</b>	<b>Requirements as per IS: 12207-2019</b>	<b>As observed</b>	<b>Whether meets the requirement (Yes/No.)</b>



T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>

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

**7.3 Salient Observations:**

**7.3.1 Laboratory tests:**

**7.3.1.1 PTO Performance:**

- i) The maximum PTO power was recorded as 27.4 kW against the declaration of 26.5 kW which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
- ii) The specific fuel consumption corresponding to maximum power was recorded as 275 g/kWh against the declaration of 270 g/kWh which meets the requirement of IS: 12207-2019 with regard to tolerance limit.

**7.4 Maintenance / Service Problems:**

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

**7.5 Recommendation with regard to safety on tractor:**

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

- i) Vertical distance from Seat Index Point to the centre of clutch pedal & brake pedal does not meet the requirement of the IS: 12343 -1998 (Re-affirmed in January, 2019). This should be looked into for necessary corrective action.
- ii) Longitudinal distance from Seat Index Point centre to the centre of differential lock pedal & Steering control wheel does not meet the requirement of the IS: 12343 -1998 (Re-affirmed in January, 2019). This should be looked into for necessary corrective action.
- iii) Spark arrester has not been provided in the exhaust system as per the requirement of IS:12239 (Part-1)-2018. This should be looked into for necessary corrective action.
- iv) The working clearance between position and draft control lever of hydraulic system was observed as 55 mm against the minimum requirement 70 mm as per IS:12239 (Part-2)-1999 (Re-affirmed in January, 2019).
- v) The direction of hand operated lever motion to the control shall be towards the operator (generally rearward or downward) for increasing the engine speed. This should be looked into for necessary corrective action.

T- 1563/2091/2021	<b>JOHN DEERE, 5042D V3 TRACTOR – COMMERCIAL (VARIANT)- FIRST BATCH TEST</b>
	<b>THIS TEST REPORT IS VALID UPTO: 31/07/2026</b>


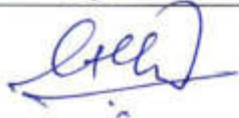

**7.6 Adequacy of Literature:**

**7.6.1** Following literature of following tractor models were supplied with the test sample for reference during the test.

- a) Operator's manual (For 5036D,5038D,5039D, 5042D, 5042D V3,5045D,5045D V2,5050D V1 2WD,5050D V1 4WD,5105, 5205 & 5005D models tractor)
- b) Repair Technical manual (For 5036D, 5038D, 5039D, 5042D, 5042D V3, 5045D, 5045D V2,5047D ,5050D, 5105, 5305, 5205 & 5005D models tractor)
- c) Parts Catalogue (For 5042D V3 & 5045D V2 models tractor)

**7.6.2** The literature should be brought out in national as well as other regional languages of India for guidance of users.

**TESTING AUTHORITY:**

<b>C.V. CHIMOTE</b> TEST ENGINEER	
<b>Y.K.RAO</b> SENIOR AGRICULTURAL ENGINEER	
<b>P.K. PANDEY</b> DIRECTOR	

Draft Test Report is compiled by: C.S. Raghuvanshi, Agricultural Engineer.

**8. APPLICANT'S COMMENTS**

-None-
--------

**ANNEXURE -I**

**TRACTOR RUN HOURS DURING TEST**

<b>A.</b>	<b>LABORATORY AND TRACK TESTS:</b>	<b><u>HOURS</u></b>
1.	Running-in	24.0
2.	PTO performance test	4.0
3.	Nominal speed test	0.6
<b>B.</b>	Miscellaneous test and other run hours including idle run, transportation, preparation for test and trial runs.	0.4
<b>TOTAL:</b>		<b>29.0</b>