

Signature

व्यावसायिक परीक्षण रिपोर्ट (प्रथम बैच परीक्षण रिपोर्ट) संख्या / No. : T-1454/1981/2020
COMMERCIAL TEST REPORT (First Batch Test) माह / Month : July, 2020

(यह परीक्षण रिपोर्ट 31/07/2025 तक वैध है। / THIS TEST REPORT IS VALID UP TO : 31/07/2025)



**INTERNATIONAL TRACTORS LIMITED,
SONALIKA INTERNATIONAL WORLDTRAC 60RX 4WD TRACTOR**



सत्यमेव जयते

भारत सरकार

कृषि एवं किसान कल्याण मंत्रालय
कृषि, सहकारिता एवं किसान कल्याण विभाग
मशीनीकरण एवं प्रौद्योगिकी प्रभाग

GOVERNMENT OF INDIA

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

(Department of Agriculture, Cooperation & Farmers Welfare, Mechanization & Technology Division)

केन्द्रीय कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

ट्रैक्टर नगर, बुदनी (म.प्र.) ४६६ ४४५

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE

(An ISO : 9001 - 2015 Certified Institute)

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T-1454/1981/2020

INTERNATIONAL TRACTORS LIMITED,
SONALIKA INTERNATIONAL WORLDTRAC 60 RX 4WD
TRACTOR - Commercial (1st Batch)

THIS TEST REPORT IS VALID UPTO: 31/07/2025

The International Tractors Limited "Sonalika International Worldtrac 60 RX 4WD" tractor had undergone "Initial Commercial Test" at this Institute vide test report No. T- 934/1452/2014 released in September, 2014. Now the applicant has submitted an application vide letter No. R&D/F-18/Batch/38/Worldtrac-60 RX 4WD dated 22.12.2017 for batch testing of "International Tractors Limited, Sonalika International Worldtrac 60 RX 4WD" tractor.

Applicant has submitted vide letter no. Nil, dated: 29.11.2019, that modified labeling plate as per IS: 12207-2019 shall be implemented from tractor chassis number and engine serial number CYDDS895741MS and 4100F193C83180F9 respectively.

All necessary tests as per Table-1 of clause 6.0 of IS: 5994 – 1998 (Reaffirmed in 2014) were carried out and test report released as under.

Manufacturer : M/s. International Tractors Ltd.
Village – Chak Gujran,
P.O. – Piplanwala, Jalandhar Road,
Distt. Hoshiarpur, Punjab– 146022

Test requested by (the applicant) : The manufacturer
Selected for test by : The testing authority
Place of running-in : At manufacturer's works

Duration of said running-in, (h):
- Engine : 20
- Transmission : 20

Method of Selection : The test sample was selected randomly out of five tractors from the production line by the representative of testing authority.

Details of tractors made available for random selection :

Sr.No.	Chassis Number
i)	AYDDS831609MS
ii)	AYDDS831606MS
iii)	AYDDS831605MS
iv)	AYDDS831608MS
v)	AYDDS831607MS

1. SPECIFICATIONS

1.1 Tractor:
Make : International Tractors Limited
Model : Sonalika International Worldtrac 60 RX 4WD
Brand name : Worldtrac
Variants, if any : Yes

S.No.	Model	Feature
1.	Sonalika International Worldtrac 60 RX	2WD

Type : Four wheeled, four wheel driven, unit construction, general purpose, agricultural tractor
Month & Year of manufacture : 03/19
Chassis number : AYDDS831608MS
Country of origin : India

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14. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

14.1 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 require- ments (Yes/No.)
1	2	3	4	5	6	7
14.1.1	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.	36.3 (D)	36.4	Yes
b)	Power at rated engine speed, (kW)	Non Evaluative	-do-	36.3 (D)	36.4	Yes
c)	Specific fuel consumption corresponding to maximum power, (g/kWh)	Evaluative	+ 10% Max.	265 (D)	286	Yes
d)	Maximum equivalent crankshaft torque, (Nm)	Non Evaluative	+ 8%	210 (D)	206.0	Yes
e)	Back-up torque, percent	Evaluative	12 percent, min.	12 (D) 12 (R)	30.3	Yes
f)	Maximum operating temperature(°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)	130	Yes
	2) Coolant (liquid)	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.	118 (D)	118	Yes
g)	Engine oil consumption, (g/kWh)	Evaluative	Not exceeding 1% of SFC at max. power under High ambient conditions	2.85 (R) Maximum	0.16	Yes
h)	Smoke level, (m ⁻¹)	Evaluative	Maximum light absorption coefficient of 3.25 per metre or equivalent BOSCH No. 5.2 or 75 (bridge value) (As per CMVR)	3.25 (R)	0.16	Yes



T-4454/1981/2020

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1	2	3	4	5	6	7
14.1.2 Drawbar performance:						
a)	Maximum drawbar pull with ballast corresponding to 15 percent wheel slip, (kN)	Non Evaluative	Minimum 70% of static mass with ballast	27.06 (D) 24.86 (R) Minimum	31.78	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	21.38 (D) 19.16 (R) Minimum	26.29	Yes
c)	Maximum drawbar power with standard ballast as the case may be, 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.	29.0 (D) 29.0 (R) Minimum	31.9	Yes
d)	Maximum transmission oil temperature (°C)	Evaluative	The declared value should not exceed the maximum value specified by of company.	130 (D)	109	Yes
14.1.3 Power lift and hydraulic pump performance :						
a)	Maximum lifting capacity throughout the range of lift, (kN):					
	1) At hitch points	Evaluative	±10 percent	19.0 (D)	19.63	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	10.0 (D) 8.57 Minimum (R)	14.51	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 minutes, (mm)	Non Evaluative	The observed value should not exceed 50 mm	50 (D) 50 (R) Maximum	20	Yes
14.1.4 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)	7.44	Yes
	2) Hot brake	Evaluative	10	10 (R)	7.59	Yes
b)	Maximum force exerted on the brake pedal to achieve a deceleration of 2.5 m/s ² (N)	Evaluative	600	600 (R)	297 Maximum to 336	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	372	Yes



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1	2	3	4	5	6	7
14.1.5	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)	95	Yes
14.1.6	Amplitude of mechanical vibrations at :					
1)	Left foot rest	Non	100 microns (max)	100(R)	70	Yes
2)	Right foot rest	Evaluative			40	Yes
3)	Seat (with driver seated)	Non	100 microns (max)		60	Yes
4)	Steering control wheel	Evaluative	100 microns (max)		120	No
14.1.7	Air cleaner pull over					
	Maximum air cleaner oil pull over (%)	Evaluative	0.25 % (max.)	--	Dry type air cleaner is fitted	Not applicable
14.1.8	Haulage requirements :					
a)	Gross mass of the trailers, (tones):					
1)	Two wheel	Non	As specified by the manufacturer	5.0 (D)	5.0 (D)	Yes
2)	Four wheel	Evaluative		6.0(D)	6.0(D)	Yes
b)	Distance travelled / litre of fuel consumption, (km/l):					
1)	Two wheel	Non	As specified by the manufacturer	4.5 to 6.0 (D)	3.73 to 3.76	No
2)	Four wheel	Evaluative		4.5 to 6.0 (D)	3.55 to 3.60	No
c)	Fuel consumption (ml/km/tonne):					
1)	Two wheel	Non	As specified by the manufacturer	28.0 to 38.0 (D)	53.2 to 53.7	No
2)	Four wheel	Evaluative		30.0 to 40.0 (D)	46.3 to 46.9	No
14.1.9	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)	The major breakdowns were not observed in the field test during initial commercial testing of this tractor model having test report No. T- 934/ 1452/2014 released in September, 2014. So, as per the provision as laid down in clause 7.2 of IS: 12207- 2019, the field test during the batch testing of this tractor model was not conducted.	Yes
1)	Clutch assembly	-do-				
2)	Brake housings	-do-				
3)	Front axle hubs	-do-				
4)	Engine Oil	-do-				
5)	Transmission Oil	-do-				

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1	2	3	4	5	6	7
14.1.5	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)	95	Yes
14.1.6	Amplitude of mechanical vibrations at :					
1)	Left foot rest	Non	100 microns (max)		70	Yes
2)	Right foot rest	Evaluative			40	Yes
3)	Seat (with driver seated)	Non	100 microns (max)	100(R)	60	Yes
4)	Steering control wheel	Non	100 microns (max)		120	No
14.1.7	Air cleaner pull over					
	Maximum air cleaner oil pull over (%)	Evaluative	0.25 % (max.)	--	Dry type air cleaner is fitted	Not applicable
14.1.8	Haulage requirements :					
a)	Gross mass of the trailers, (tones):					
1)	Two wheel	Non	As specified by the manufacturer	5.0 (D)	5.0 (D)	Yes
2)	Four wheel	Evaluative		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	4.5 to 6.0 (D)	3.73 to 3.76	No
2)	Four wheel			4.5 to 6.0 (D)	3.55 to 3.60	No
c)	Fuel consumption (ml/km/tonne):					
1)	Two wheel	Non Evaluative	As specified by the manufacturer	28.0 to 38.0 (D)	53.2 to 53.7	No
2)	Four wheel			30.0 to 40.0 (D)	46.3 to 46.9	No
14.1.9	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)	The major breakdowns were not observed in the field test during initial commercial testing of this tractor model having test report No. T- 934/ 1452/2014 released in September 2014. So, as per the provision as laid down in clause 7.2 of IS: 12207- 2019, the field test during the batch testing of this tractor model was not conducted.	Yes
1)	Clutch assembly	-do-				
2)	Brake housings	-do-				
3)	Front axle hubs	-do-				
4)	Engine Oil	-do-				
5)	Transmission Oil	-do-				



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1	2	3	4	5	6	7
14.1.10	Safety features :					
a)	Guards against moving and hot parts	Evaluative	Belt drives, pulleys, silencer, hydraulics pipes(as per IS-12239 Part 2)		Meets the requirement	Yes
b)	Lighting arrangement	Evaluative	As per CMVR		Meets the requirement	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)		Does not meet the requirement	No
d)	Technical requirements for PTO shaft	Evaluative	Should meet the requirements of IS: 4931 (As amended from time to time)		Meets the requirement	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 requirement	No
f)	Specifications of linkage drawbar	Evaluative	Should meet the requirements of IS 12953 (As amended from time to time)		Meets the requirement	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		25.27 kmph	Audible warning is provided
	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		Provided (An audible warning signal on tractor is activated when R1H gear is engaged)	Yes



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1	2	3	4	5	6	7	
14.1.11 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	International Tractors Ltd.	Yes	
	2)	Model	Evaluative		Sonalika International World trac 60RX 4WD	Yes	
	3)	Month & Year of manufacture	Evaluative		03/19	Yes	
	4)	Engine number	Evaluative		4100FL93C830012F9	Yes	
	5)	Chassis number	Evaluative		AYDDS831608MS	Yes	
	6)	Declaration of PTO power, kW	Evaluative		36.3	Yes	
14.1.12 Discard limit for:							
(a)		Cylinder bore diameter, (mm)	Evaluative	To be specified by Manufacturer	100.3	100.041 to 100.077	Yes
(b)		Clearance between piston & cylinder liner at skirt, (mm)	Non Evaluative		0.45	0.142 to 0.155	Yes
(c)		Piston diameter at skirt, mm	Non Evaluative		99.6	99.917 to 99.928	Yes
(d)	Ring end gap (mm):						
		- Top comp. ring.	Evaluative	-do-	2.0	0.35 to 0.55	Yes
		- 2 nd comp. ring.		-do-	2.0	0.80 to 0.85	Yes
		- Oil ring.		-do-	2.0	0.60 to 0.70	Yes
(e)	Ring groove clearance (mm):						
		- Top comp. ring.	Evaluative	-do-		Tapered ring	Not applicable
		- 2 nd comp. ring.		-do-	0.50	0.041 to 0.061	Yes
		- Oil ring.		-do-	0.25	0.034 to 0.045	Yes
(f)		Diametrical clearance of main bearings (mm):	Evaluative	-do-	0.35	0.110 to 0.160	Yes
(g)	Clearance of big end bearings, (mm):						
		- Diametrical	Evaluative	-do-	0.35	0.109 to 0.142	Yes
		- Axial	Evaluative	-do-	1.00	0.25	Yes
(h)		Crankshaft end float	Evaluative	-do-	0.70	0.26	Yes
(j)		Clearance between king pin and bush, (mm)	Non Evaluative	-do-	Not specified	0.06 to 0.102	--
(k)		Clearance between center pin and bush, (mm)	Non Evaluative	do-	1.0	0.08 to 0.26	Yes



1	2	3	4	5	6	7
14.1.13	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
14.1.14	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	Provided	ROPS not fitted	Not applicable
14.1.15	Standard accessories	Evaluative	Trailer hitch, front tow hook, linkage drawbar should be provided with tractor	Provided	Provided	Yes
14.1.16	Accessories (Optional)	Non Evaluative	Ballast weights if fitted should meet the requirement of CMVR.	Provided	Provided	Yes

14.2 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

**14.3 Salient Observations:****14.3.1 Laboratory tests:****14.3.1.1 PTO Performance Test:**

- i) The maximum PTO power was recorded as **36.4 kW** against the declaration of **36.3 kW**, which meets the requirement of IS: 12207-2019 with regard to tolerance limit and meets the requirement.
- ii) The specific fuel consumption corresponding to maximum power was recorded as **286 g/kWh** against the declaration of **265 g/kWh**, which is within the tolerance limit of IS: 12207-2019.
- iii) The maximum equivalent crankshaft torque was recorded as **206.0 N-m** against the declaration of **210.0 N-m**, which is within the permissible limit as specified in IS: 12207-2019.
- iv) The backup torque is **30.3 %** and meet the requirement of IS: 12207-2019
- v) The maximum coolant temperature during PTO performance test under higher ambient condition was recorded as **118°C** against the declaration of maximum **118°C**. This should be looked into for corrective action at production level.

14.3.1.2 Drawbar performance test:

During 10 hours drawbar performance test, creeping of LHS & RHS rear tyre over the rims was recorded as **10 mm to 05 mm** respectively. This should be looked into for necessary corrective action.

14.3.1.3 Mechanical Vibration:

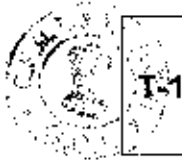
The amplitude of mechanical vibration on various assemblies marked as (*) in Chapter – 8 of this test report is on higher side especially on steering control wheel. This calls for dampening down of vibrations to improve the operational comfort and service life of components.

14.3.1.4 Specifications of three point linkage:

- i) The parameter lateral distance from lower hitch point to centre line of tractor does not meet the requirement of IS: 4468 (Part-1) -1979 (Reaffirmed 2014). This should be looked into for necessary corrective action.
- ii) Some of the parameters of three point linkage conform to Cat. I and some of them conform to Cat.II. Keeping in view the spirit of standardization, necessary improvement may be incorporated.

14.3.1.5 Haulage Test:

- i) Distance travelled per litre of fuel consumption with two wheel and four wheel was recorded as **3.73 to 3.76 km/l** and **3.55 to 3.60 km/l** against the declaration of **4.5 to 6 km/l** and **4.5 to 6 km/l** respectively, which does not meet the requirement of IS: 12207-2019 with regard to tolerance limit. This should be looked into for necessary corrective action.
- ii) Specific fuel consumption (mm/km/tonne) with two wheel and four wheel was recorded as **53.2 to 53.7 mm/km/tonne** and **46.3 to 46.9 mm/km/tonne** against the declaration of **28.0 to 38.0 km/l** and **30.0 to 40.0 mm/km/tonne** respectively. Which does not meet the requirement of IS: 12207-2019 with regard to tolerance limit. This should be looked into for necessary corrective action.



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14.3.1.6 Symbols for operator controls and other displays:

The colour zone in engine revolution gauge is not provided, hence it does not meet the requirement of IS: 6283 (Part-1) – 2006 (Re-affirmed in 2014) & IS: 6283 (Part-2) – 2007 (Re-affirmed in 2014). This needs to be looked into for necessary corrective action.

14.3.1.7 Declaration of discard limit

The discard limit of clearance between king pin & bush was not given in the technical specification & literature submitted by the applicant. This should be looked into for necessary corrective action.

14.4 Maintenance / Service Problems:

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

14.5 Recommendation with regard to safety on tractor:

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

- i) There should be provision for spark arresting device in exhaust system.
- ii) The working clearance around position control lever & mud guard should be provided as per the relevant standard.
- iii) Vertical distance from SIP to foot rest should be provided as per the relevant standard.
- iv) Longitudinal distance from seat index point to centre of differential pedal should meet the minimum requirement as per relevant standard.
- v) PTO shaft master shield should be provided.
- vi) The fuel shut-off knob should remain in stop position.
- vii) There should be provision to attach trailer brake valve.
- viii) Vertical retainer should be provided on both side of clutch pedal.

14.6 Adequacy of Literature supplied with machine:

14.6.1 Literature was supplied with the tractor for reference during the test.

- a) Operator's Manual for Sonalika Worldtrac 60 RX 4WD tractor
- b) Part's catalogue for Sonalika Worldtrac 60 RX 4WD tractor
- c) Service Manual Sonalika Worldtrac 60 RX 4WD tractor (Part-1)
- d) Service Manual Sonalika Worldtrac 60 RX 4WD tractor (Part-2)

14.6.2 The supplied literature was found adequate; **except the following**

- a) Lubricant grade recommended for front axle housing and front final drive has not been mentioned in the operator's and service manual submitted by the applicant.
- b) Brand of coolant mentioned in the operator's manual does not match with specification submitted by the applicant

14.6.3 However, these literatures should be brought out in other vernacular languages of India for guidance of users

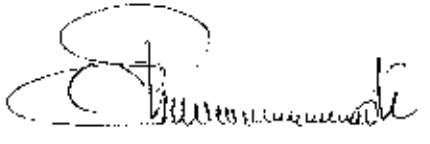
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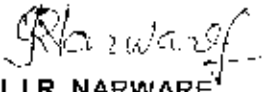
15. CITIZEN CHARTER

Time frame for testing & evaluation as per citizen charter	Duration of Test	Whether the report released within time frame given in the citizen charter	Remark
10 Months	08 Months (July, 2019 to, February, 2020)	Yes	The audible warning was fitted by the manufacturer in July, 2020. Hence this report is delayed by 5 months from March, 2020 to July, 2020 for printing. This delay is due to COVID-19 & non supply of audible warning fitment by the manufacturer.

TESTING AUTHORITY:


RAJNEESH PATEL
AGRICULTURAL ENGINEER


C.V. CHIMOTE
TEST ENGINEER


J.J.R. NARWARE
DIRECTOR

This test report is compiled by **Smt. Poonam Khurasia**, Senior Technical Assistant

16. APPLICANT COMMENT'S

Para No.	Our Reference	Applicant's comments
16.1	14.3.1.6	We will amend it in our production of this tractor model.
16.2	14.5 (i),(ii), (iii), (iv),(v),(vi),(vii) & (viii)	We will amend these parameters on tractor.

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE-
BUDNI

T-1454/1981/2020

INTERNATIONAL TRACTORS LIMITED,
SONALIKA INTERNATIONAL WORLDTRAC 60 RX 4WD
TRACTOR - Commercial (1st Batch)

THIS TEST REPORT IS VALID UPTO: 31/07/2025

ANNEXURE - I**TRACTOR RUN HOURS DURING TEST--**

		HOURS
A.	LABORATORY AND TRACK TESTS	
1.	Running-in	40.00
2.	PTO Performance Test	10.24
3.	Power lift and hydraulic pump performance test	0.84
4.	Drawbar performance test	19.77
5.	Brake test	1.75
6.	Noise measurement	2.00
7.	Mechanical vibration test	0.67
8.	Nominal speed test	4.05
		4.90
B.	HAULAGE TEST	
C.	Miscellaneous test and other run hours including idle run, transportation, trials and preparation for test	8.12
TOTAL:		92.34