व्यावसायिक परीक्षण रिपोर्ट (प्रथम बैच परीक्षण) संख्या / No. : T-1471/1998/2020 COMMERCIAL TEST REPORT (1st Batch Test)

माह / Month: August, 2020

(यह परीक्षण रिपोर्ट 31/08/2025 तक वैध है। / THIS TEST REPORT IS VALID UP TO : 31/08/2025)



### INTERNATIONAL TRACTORS LIMITED, **SONALIKA INTERNATIONAL DI-35 SM TRACTOR**



#### 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)

Tractor Nagar, Budni (M.P.) 466 445

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Telephone: 07564 - 234729, 234743

### INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch)

THIS TEST REPORT IS VALID UPTO: 31/08/2025

The "International Tractors Limited, Sonalika International DI-35 SM" tractor had undergone "Initial Commercial Test" at this Institute and a test report No. T- 910/1425/2014 was released in February, 2014. Thereafter, the firm had made modification in the technical specification of tractor and permanently incorporated and tested under supplementary test vide report No. T- 1072/1597/2017 released in February, 2017. Now the applicant has submitted an application vide letter no. Ref: R&D/F-18/Batch/37/DI-35 SM for batch testing of "International Tractors Limited, Sonalika International DI-35 SM" tractor.

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 Limited,

Vill.- Chak Gurjan, P.O.- Piplanwala,

Jafandhar Road, Distt.- Hoshiarpur-146 022

(Punjab) India

Test requested by : The Manufacturer

Selected for test by : The testing authority

Place of running-in : At Manufacturer works

Duration of said running-in, (h):

- Engine : 35 - Transmission : Nil

Method of Selection : The test sample was selected randomly out of five

tractors from the production line by the

representative of testing authority.

Tractors Chassis serial number made available for random selection:

i) FZJSS847609SMii) FZJSS847610SMiii) FZJSS847611SMiv) FZJSS847612SM

v) FZJSS847612SM

#### 1. SPECIFICATIONS

1.1 Tractor:

Make : International Tractors Limited,
Model : Sonalika International DI-35 SM

Brand name : Sonalika Variants, if any : None

Type : Four wheeled, rear wheel driven, standard

agricultural tractor

Month & Year of manufacture : 05/2019

Chassis number : FZJ\$\$847609\$M

Country of origin : India

1.2 Engine:

Make : International Tractors Limited

Model : 3100FL

Type : Four stroke, naturally aspirated, tiquid cooled,

direct injection, diesel engine

Serial number : 3100FL93D843849F3

Year of manufacture : Not available

Country of origin : India

1.2.1 Engine speed (rpm), (Manufacturer's recommended production settings):

Maximum speed at no load
Low idle speed
Speed at maximum torque
2150 to 2250
650 to 750
1100 to 1300

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE- BUDN! 📑 i

Page 5 of 48

#### INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch) THIS TEST REPORT IS VALID UPTO: 31/08/2025

#### 15. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

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:-

		<del></del>	¬·			<del>,</del>
S. No	Characteristic	Category (Evaluative/ Non Evaluative)	Requirements as per IS: 12207-2019	Values declared by the applicant (D) / Require- ments (R)	As observed	Whether meets the require- ments (Yes/No)
1		3	4	5	6	7
15.1.1 a)	PTO Performance : Max. power under 2 h test, (kW) (Natural ambient condition)	: Evaluative	Declared value to be schieved with a tolerance of: ± 5 per cent for PTO Power & or engine power > 26 kW ± 10 per cent for PTO	26.0 (D)	25.5	Yes
:			Power & or engine ≤ 26			
ь)	Power at rated engine speed, (kW)	Non Fvaluative	-do-	26.0 (D)	25.1	Yes
c)	Specific fuel consumption corresponding to maximum power, (g/kWh)	Evaluative	+ 10% Max.	265 (D)	245	Yes
d)	Maximum equivalent crankshaft torque, (Nm)	Non Evaluative	± 8%	- 15 <b>3</b> (D)	158.4	Yes
Đ)	Back-up torque, percent	Evaluative	12 percent, min.	12 (D) 12 (R) Minimum	32.0	Yes
· f)	Maximum operating temps	erature( <sup>D</sup> C):			<del></del>	٠
:     	1) Fngine 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)	104	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)	108	Yes
g) ·	Engine oil consumption, (g/kWh)	Evaluative	Not exceeding 1% of SFC at max, power under High ambient conditions	2.50 (R) Maximum	1,32	Yes
h)	Smoke lovel, (m 1)	Evaluative	Maximum light absorption coefficient of 3.25 per motre or equivalent BOSCH No. 5.2 or 75 Hatridge value (As per CMVR)	3.25 (R) Maximum	0.11	Yes

CENTRAL FARM MACHINERT TRAINING & TESTING INSTITUTE- BUDNI   Fage 41 OF	CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE- BUDI	41	Page 41 of 48
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# INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch) THIS TEST REPORT IS VALID UPTO: 31/08/2025

1	, 2	3	4	5	6	7
15.1.2	Drawbar performance		· · · · · · · · · · · · · · · · · · ·			
a)	Maximum drawbar pull with ballast corresponding to 15 percent wheel slip, (kN)	Non Evaluative	Minimum 70% of static mass with ballast	17.37(0) : 17.37(R) Minimum ;	19.23	Yes
b)	Maximum drawbar pull without ballast corresponding to 15 percent wheel slip, (kN)	Evaluative	Minimum 70% of static mass of tractor without/ standard ballast	12.68(D) 12.84 (R) Minimum	14.11	Yes
с)	Maximum drawbar power without ballast, or 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.	19.8 (D) 20.4 (R) Minimum	21.0	Yes
d)	Maximum transmission oil temperature (°C)	Evaluative :	The declared value should not exceed the maximum value specified by oil company	130 (D)	88	Yes
15.1.3	Power lift and hydraul					
a)	Maximum lifting capacity  1) At hitch points			44.00 (0) 1	44.02	Vac
	2) With the standard frame	Evaluative :	±10 percent 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	14.00 (D) 7.84 (D) 6.00 (R) Minimum	14.03 10.91	Yes Yes
ь)	Maximum drop in the height of the point of application of the force after each 5 minutes theretal for a total duration of 30 minute, (mm)	Non . Fvaluative	The observed value should not exceed 50 mm	50 (D) 50 (R) Maximum	30	Yes

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE- BUDNI	Page 42 of 48

## INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch) THIS TEST REPORT IS VALID UPTO: 31/08/2025

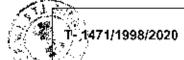
15.1.4 Brake performance at 25 kmph: Maximum stopping distance at a force, equal to or less than 600 N on brake pedal with road ballast, (m): 10 1) Cold brake Evaluative 10 (R) 7.81 Yes Hot brake Evaluative 10 10 (R) 8.06 Yes bì Maximum Evaluative force 600 600 (R) 257 Yes exerted on the brake to pedal to achieve a 309 deceleration of 2.5  $m/s^2(N)$ Whether c) parking Evaluativo Yes / No. Yes Yes Yes brake is effective at a force of 600 N at foot pedal(s) or 400 N at hand lever. N 15.1.5 Noise measurement : a) Maximum ambient Evaluative As per CMVR 88 (R) 80 Yes noise emitted by the tractor dB(A). b) Maximum noise at Evaluative As per CMVR 96 (R) 91 Yes operator's ear fevel : dB(A)15.1.6 Amplitude of mechanical vibrations at : Left foot rest 43 Yes 100 2); Right foot rest. Non 79 Yes 100 microns (max). Maximum 3) Seat (with operator) Evaluative 46 Yes (R) 4)| Steering whee!. 239 No 15.1.7 Haulage requirements : Gross mass of the trailers, (tones): a) Two wheels Non-To be declared by 5.5 5.5 Yes Four wheel Evaluative the manufacturer 6.0 6.0Yes b) Distance travelted / litre of fuel consumption. (km/l): Two wheel Non To be declared by 2 to 6 6.41 to 6.73 Yes Four wheel Evaluative the manufacturer 2 to 6 6.46 to 6.89 Yes c) Fuel consumption (ml/km/tonne): Two wheel 20 to 50 27.05 to 28.35 Yes Non To be declared by Four wheel Evaluative the manufacturer. 20 to 50 24.18 to 25.79 Yes Wetland cultivation : 15.1.8 1) Clutch assembly Evaluative The identified 2) Brake housings -doassemblies : should 3) Front axle hubs essentially meet the -do-No ingress of requirement of IS: Engine Oil -dowater and / or 11082. Νo Transmission Oil. -dowater mud was. There ingress the observe during shou!d be identified assembly the ICT test. ŊΦ given in column-2. If vide Tost report ingress of tractor does not No. T-Not water meet the 910/1425/2014, applicable. and / or of requirements. mud February wetland cultivation, it 2014. may be recommended. dry land operation only.

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE- BUDNI

: Page 43 of 48

#### INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch) THIS TEST REPORT IS VALID UPTO: 31/08/2025

Г <sup></sup> .		<del></del>			ND
1	2	3	4	5 6	, 7
15.1.9	Safety features:				
(a)	Guards against	Evaluativo		Meet the requirements	Yes
$C \rightarrow C$	i moving and hot parts	İ	silencer, hydraulics	!	
İ	i		pipos(as per IS-12239		
b)	Lighting arrangement	Evaluative	Part 2)	<u> </u>	
(c) -	Lighting arrangement	Evaluative		Meet the requirements	Yes
٠,	Seating requirements (Tractors having	N	Should meet the requirements of IS:	2200 1101	Yes
	Tractors having more than 1150 mm	Non	45545 41	moet the requirements	
	rear track width)	Evaluativo	from time to time)		
	Technical	i Image	l	<u>!</u>	
, ",	requirements	Evaluative	Should moet the requirements of IS: 4931	Meet the requirements	Yes
	for PTO shaft		(As amended from time	İ	
L	TO FIG Shall		to time)		
e)	Dimensions of three	Non	Should meet the	Does not	No
	point linkage		requirements of IS: 4468	meet the requirements	140
I	'		(Part-I) (As amended	meet the requirements	
	0	i <del></del> -	from time to time)		
f)	Specifications of	Evaluative		Meet the requirements	Yes
	linkage drawbar		requirements of IS 12953 (As amended		'
			12953 (As amended from time to time)		
	Specifications of	Evaluative		Not fitted	i Not
·	Swinging drawbar	1	requirements of tS	Nocinted	1
!	(wherever fitted)		12362 (Part 3) (As		applicable
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	l	amended from time to		
├ <u></u> ,		i	ti <u>me)</u>	<u> </u>	
h}	1) Maximum	Evaluative		11.70	Yes
	travelling speed at		Kmph	(Meet the requirements)	:
	rated engine				!
'	speed in reverse	i		i	
	gears, kmph	!	<u> </u>		
	2) Audible warning	Evaluative	As soon as the	Not applicable	Not
ŀ	signal on tractor.	l i	travelling speed in		applicable
			reverse gear reaches to 20 kmph, an audible		
			warning signal on		
	ļ		tractor shall be	<u> </u> :	
	•	!	activated.		
'		ļ	The safety aspects		
	1		about the operation of		l į
		İ	Shuttle technology shall		
			be brought in operation and		
			manufacturer/deafer		
			shall ensure the training		
	<u> </u>		on this aspect to		
			operator before the		
15.1.10		<u></u>	delivery of tractor.	<del></del>	
-	Labelling of tractors (i 1) Make			· <del>·</del>	!
i	1) Wake		Should conform to the		Yes
	2) Model —		requirements of CMVR   Blong-with declared value	Limited	
	- J WOUGE		of PTO in kW and year of	Sonalika International	Yes
<b> </b>	3) Month & Year of		nanufacture in numerical	DI-35 SM	i
	manufacture	Evaluation	MM TYY	05 / 2019	Yes
i	4) Engine number	Evaluative i,	Digit 01 12 in box No.5	Language Company	
	5); Chassis number	r.veidanse i	or MM will represent the	3100FL93D843849F3	Yes
		Evaluativo .	month and next two digit.	I:ZJSS847609SM	Yes
i	6) Declaration of	-суаниасуо ј :	n the box No.2 for YY will	26 (34.8)	Yes
	PTO power, (kW)		represent the year of paguifacturion		



#### INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch) THIS TEST REPORT IS VALID UPTO: 31/08/2025

1 "	2	3	4	· 5	<u> 6 :</u>	7
15.1.11	Discard limit for:	· •	l		, , ,	1
a)	Cyfinder bore diameter, (mm)	Evaluative	To be specified by manufacturer	100.30	100.020 to 100.050	Yes
ь)	Clearance between piston & cylinder liner at skirt, (mm)	Non Evaluative	-do-	0.450	0.118 to 0.123	Yes
c)	Piston diameter, (mm)	Non Evaluative	-do-	99.200	99.922 to 99.929	Yes
d)	Ring end gap (mm);					
	- Top comp. ring 2 <sup>nd</sup> comp. ring Oil ring.	Evaluative	To be specified by	2.00 2.00 2.00	0.60 to 0.70 0.90 to 0.95 0.70 to 0.85	Yes Yes Yes
e)	Ring groove clearance (	mm);		2.3.2	1 4.14 (0 0.00	1,012
	- Top comp. ring 2 <sup>nd</sup> comp. ring Oil ring.	Evaluative	To be specified by - Manufacturer -	0.15 0.15	-Tapered - 0.040 to 0.042 0.034 to 0.038	 Yes Yes
f)	Diametrical clearance of	main beari:	ngs,(mm):	0.10	10:00+ 10 0:0001	! •••
, i	- Diametrical	Evaluative	To be specified by Manufacturer	0.40	0.092 to 0.135	Yes
g)	Clearance of big end be:	arings, (mm	):			
	- Diametrical	Evaluative	To be specified by	0.50	0.093 to 0.136	Yes
	- Axial	240100000	Manufacturer	1.00	0.30	_Yes
h)	Crankshaft end float, (mm)	Evaluative	To be specified by Manufacturer	0.60	0.15	Yes
i)	Clearance between king _pin and bush, (mm)	Non Evaluative	To be specified by Manufacturer	1.00	0.095 to 0.142	Yes
j) 	Clearance between center pin and bush, (mm)	Non Evaluative	To be specified by Manufacturer	1.00	0.094 to 0.146	Yes
15.1.12				,		
a)	Operator manual	Evaluative	Literature should meet the requirement of Indian	1 3450163434		Yes
b)	Parts Catalogue		Standard : 8132	1.40000000		Yes
c)	Service manual Fitment of Roll Over		ROPS should meet the	Provided		
d}	Fitment of Roll Over Protective Structure (ROPS): for tractors having more than 1150 mm rear track width	Evaluative	requirement of IS:11821 or OECD code or equivalent International Standard	Provided	Not Fitted	Not appli- cable
e) ·	Standard accessories	Evaluative	Trailer hitch, front tow hook, finkage drawbar should be provided with tractor	Provided	Provided	Yes
f)	Optional Accessories	Non Evaluative	Ballast weights if fitted should meet this requirement of CMVR.	Provided	Provided	Yes

15.2	Category of breakdowns / defects (as per clause 5.0 of IS:12207-2019):					
1	Critical breakdown	Evaluative	There is no 'critical breakdown' curing 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	

## INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch) THIS TEST REPORT IS VALID UPTO: 31/08/2025

#### 15.3 Salient Observations:

#### 15.3.1 Laboratory tests:

#### 15.3.1.1 PTO Performance Test:

- The maximum PTO power was recorded as 25.5 kW against the declaration of 26.0 kW, which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
- ii) The rated PTO power was recorded as 25.1 kW against the declaration of 26.0 kW, which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
- iii) The specific fuel consumption corresponding to maximum power was recorded as 245 g/kWh against the declaration of 265 g/kWh, which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
- iv) The maximum equivalent crankshaft torque was recorded as 158.4 N-m against the declaration of 153.0 N-m, which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
- v) The backup torque is 32.0 %, which meets the requirement of IS: 12207-2019 with regard to tolerance limit.
- vi) The drop in maximum PTO Power of 7.1% was recorded between natural and high ambient condition, which is on higher side. Therefore, this should be looked into for necessary corrective action.

#### 15.3.1.2 Drawbar performance test:

- i) The maximum drawbar power under unballast condition in case of previous and present sample was recorded as 24.7 kW & 21.0 kW respectively. The drawbar power recorded in case of present sample is 17.6% lower than the previous test sample.
- ii) The maximum drawbar pull corresponding to 15% wheel slip under unballasted condition in case of previous and present sample was recorded as 15.74 kN & 14.11 kN respectively. The maximum drawbar pull recorded in case of present sample is 11.6% lower than the previous test sample.

From the above, it indicate that the overall drawbar performance of the tractor was found deteriorated and this should be looked into.

(iii) During ten hour drawbar performance test, creeping of LHS & RHS rear tyre over the rims was recorded as 20 mm & 30 mm respectively. This should be looked into for necessary corrective action.

#### 15.3.1.3 Hydraulic performance test:

The moment about roar axie with standard frame was computed as 16.26 kN-m, whereas, the moment about front axie was computed as 14.49 kN-m under unballasted condition. The moment about roar axie with standard frame is on higher side as compared to the moment about front axie. Therefore, it is recommended that the lifting capacity of the hydraulic system may be reduced suitably or ballast mass recommendation may be reviewed to avoid the front lifting of the tractor.

#### 15.3.1.4 Mechanical Vibration:

The amplitude of mechanical vibration on various assemblies marked as (\*) in Chapter – 9 of this test report is on higher side. This calls for dampening down of vibrations especially on steering control wheel to improve the operational comfort and service life of components.

#### 15.3.1.5 Specifications of three point linkage:

- i) The parameter lateral distance from lower hitch pint 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.

#### 4471/1998/2020

## INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch)

THIS TEST REPORT IS VALID UPTO: 31/08/2025

#### 15.4 Maintenance / Service Problems;

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

#### 15.5 Recommendation with regard to safety on tractor:

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

- Length of seat should be provided as per relevant standard.
- ii) Width of foot step should be provided as per relevant standard.
- iii) Inclination of back rest should be provided as per relevant standard.
- iv) Accidental start safety switch should be provided.
- The Fuel shut-off knob should remain in "STOP" position. This should be redesigned/ improved to enhance the safety.
- vi) Differential lock should be provided.
- viii) There should be provision for spark arresting device in exhaust system.
- viii) Provision of master shield in power take-off.
- Provision for easy mounting and dismounting of operator should be provided.
- x) The working clearance between the mudguard and draft control lever should be provided as per relevant standard.

#### 15.6 Adequacy of Literature supplied with machine:

- 15.6.1 The following literature was supplied with the tractor for reference during the test.
  - i) Operator's manual for Sonalika International DI-35 SM, DI-35 RX, DI-42 RX, DI-745 III RX, DI-45 RX TURBO, DI-52 RX, DI-55 RX, DI-55 RX TURBO, DI-60 RX MM, DI-60 RX MM SUPER, DI-60 RX TURBO, DI-750 III RX 4-CYL & DI-60 RX 4-CYL tractor models.
  - ii) Soare part's catalogue for Sonalika International DI-35 SM, DI-35 RX, DI-42 RX, DI-745 III RX, DI-45 RX TURBO, DI-52 RX, DI-55 RX, DI-55 RX TURBO, DI-60 RX MM, DI-60 RX MM SUPER, DI-60 RX TURBO, DI-750 III RX 4-CYL & DI-60 RX 4-CYL tractor models.
  - iii) Service manual (Part-I & II) for Sonalika International DI-35 SM, DI-35 RX, DI-42 RX, DI-745 III RX, DI-45 RX TURBO, DI-52 RX, DI-55 RX, DI-55 RX TURBO, DI-60 RX MM, DI-60 RX MM SUPER, DI-60 RX TURBO, DI-750 III RX 4-CYL & DI-60 RX 4-CYL tractor models.
- 15.6.2 The supplied literature was found in adequate as it does not cover the following information. Therefore, it is recommended that the relevant literature may be updated by incorporating the following information:
  - i) Information related to PTO, Drawbar and hydraulic performance of the tractor such as Maximum torque, backup torque, Specific fuel consumption, Maximum drawbar Power & pull, hydraulic pump discharge rate, hydraulic power & lifting Capacities etc. should be included in the technical specification of the tractor for the guidance of the user's.
  - ii) The Maintenance schedule for transmission oil, rear axle & final drive oil, hydrautic & brake oil and air cleaner oil given in operator's manual does not match with specification submitted by applicant.
  - iii) List of matching implements, trailers and other farming equipments.
  - iv) List of Standard fitments.
  - v) List of accessories & supplied with the tractor.
- 15.6.3 It is therefore, recommended that following literature may be brought out as per IS: 8132-1999 (Reaffirmed in March, 2009) for the guidance of users and service personnel in national as well as regional languages for this model of tractor.

#### INTERNATIONAL TRACTORS LIMITED, SONALIKA INTERNATIONAL DI-35 SM TRACTOR - Commercial (1st Batch THIS TEST REPORT IS VALID UPTO: 31/08/2025

	16.	С	itizen	charter
٠				

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
· · · · · · · · · · · · · · · · · · ·	05 Months	- CHARCH CHARGE	<del></del>
10 Months	(February, 2020 to June, 2020)	Yes	None

TESTING AUTHORITY

PRAMOD YADAV AGRICULTURAL ENGINEER

C.V. CHIMOTE **TEST ENGINEER** 

The report compiled by: Shri Dev Vrat Kurnar, Senior Technical Assistant.

#### 17. APPLICANT'S COMMENTS

Pa	ra <u>No.</u>	Our Reference	Applicant's comments
'	17.1	15.6.2 (i), (ii), (iii), (iv) & (v)	Tractor literature will be updated as per your
† —			suggestions.
'	17.2	15.6.3	We are already publishing tractor literature in
L	<u> </u>		national as well as regional language.

ANNEXURE - I

### TRACTOR RUN HOURS DURING TEST

	A.	LABORATORY AND TRACK TESTS	HOURS
L	1,	Running-in	
_	2.	PTO Performance Test	40.0
	3,	Original Personal Per	12.2
ŀ		Power lift and hydraulic pump performance test	3.2
<u>!</u>	4.	Drawbar performance test	
<b>i</b>	5.	Brake test — — — — —	<u>16.</u> 9
Γ	6.	Noise measurement	1.9
<u> </u>	7		1.5
_	-· . <del>r -</del> .	Air cleaner oil puil over test	3.5
:	<u>. 8. </u>	Mechanical vibration test	
L	9.	Theoretical speed test	1.0
_	B.	HAULAGE TEST — — — — —	0.8
	C.		5.1
	٠.	Miscellaneous test and other run hours including die run, transportation,	1.3
_		trials and preparation for test	1.47
-			87.4

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE- BUDN!

Page 48 of 48