व्यावसायिक परीक्षण रिपोर्ट (प्रथम बैच परीक्षण) संख्या/No. : T-1663/2194/2022

COMMERCIAL TEST REPORT (First Batch Test) माह/Month : July, 2022

[ONLINE TESTING]

(यह परीक्षण रिपोर्ट 31/07/2027 तक वैध है / THIS TEST REPORT IS VALID UPTO 31/07/2027)



ESCORTS LIMITED, EURO 41 E3 (BRAND NAME: POWERTRAC) TRACTOR



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)

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ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test)

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2. FUEL AND LUBRICANTS

2.1 Fuel

: The High-speed diesel oil supplied by M/s Indian Oil Corporation Limited having density of 0.828 g/cc at 15°C was used.

2.2 Lubricants:

S. No.	Particulars	As recommended by the manufacturer	As used during the test	
1.	Air cleaner oil	SAE 15W40 (API 4)/ SAE 20W40 (API CD)/ SF-IS:13656-EP-DL-2)	As recommended	
2.	Engine	SAE 20W40 (API 4)/ SF-IS:13656-EP-DL-2)		
3.	Gear box, Differential, rear axle, hydraulic & brake system oil	UTTO (Tract ELFSF-3I)	Oil originally filled in the tractor system were not	
5.	Steering oil reservoir	SAE 90 (API GL-4) IS: 1118-EP, Type -GL-4)	changed	
6.	Grease	Servo grease MP	Servo grease MP	

3. SPECIFICATIONS

3.1 Tractor:

Make : ESCORTS LIMITED

Model : EURO 41 E3

Brand Name : POWERTRAC

Type : Rear Wheel Drive, Standard Agricultural

Tractor.

Month & year of manufacture : 11/21

Chassis number : T053577660HK

Country of origin : India

3.2 Engine:

Manufacturer's address : M/s. Escorts Kubota Limited,

Plot No. 2 & 3, Sector – 13 FARIDABAD – 121 007

Haryana

Make : ESCORTS LIMITED Model : AE3.249A-3A

Type : Four strokes, liquid cooled, direct injection,

naturally aspirated, compression ignition,

diesel engine.

Serial number : E3648981 Country of origin : India

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

Maximum speed at no load
Low idle speed
Speed at maximum torque
2305 to 2455
700 to 800
900 to 1100

Rated speed, (rpm):

- For PTO use : 2200 - For drawbar use : 2200

ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test) THIS TEST REPORT IS VALID UPTO:31/07/2027

Qualifying performance (comparable limit) for batch model in comparison to ICT model (Vide test report No. T - 1087/1612/2017) (please refer clause 7.6 of IS:12207-2019):

S. No.		aracteristic	Requirements		Ac alr-	Whether	
			as per IS: 12207-201		As obs	meets the	
			Column – 4 of Table-1	Clause 7.6	Previous sample	Present sample	require- ments (Yes/No)
16.3.1	Dra	wbar perform					
a)	drav balla corr 15	kimum wbar pull with ast esponding to percent eel slip, (kN)	Minimum 70% of static mass with ballast	The performa nce shall be within 7.5 of ICT or	22.62	20.43	No
b)	Max dray with corr 15	kimum wbar pull	Minimum 70% of static mass of tractor without / standard ballast	limit specified under column 3 whichev er is higher	16.78	15.70	Yes
c)			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.	The performa nce shall be within 7.5 of ICT or limit specified under column 3 whichev er is	27.3	27.3	Yes
d)	Maximum transmission oil temperature, (°C)		The declared value should not exceed the maximum value specified by oil company.	higher	81	88	Yes
16.3.2	Power lift and hydraulic pump performance :						
a)			pacity throughout the range of				
	1) At hitch ±10 percent points		±10 percent	The performa	15.03	12.61	No
	2)	With the standard frame	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	nce shall be within 7.5 of ICT or limit speci-fied under	7.66	8.16	Yes
b)	the hoin of the each interdura	imum drop in neight of the t of application e force after of 5 minutes val for a total tion of 30 , (mm)	The observed value should not exceed 50 mm	column 3 which- ever is higher	10	36	Yes

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ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test) THIS TEST REPORT IS VALID UPTO:31/07/2027

17. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

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: 12207-2019 for acceptance of the tractor for the purpose of subsidies/NABARD financing are summarized as under:

SI. No.	Cha	aracteristic	Category (Evalua- tive / Non Evalua- tive)	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
17.1.1	PTO	Performance	:			•	
a)	unde (kW) ambie	(Natural ent condition)	Evaluative	Declared value to be achieved with a tolerance of: ±5% for PTO power and or engine power >26 kW. ±10% for PTO power and or engine ≤ 26 kW.	30.65	30.4	Yes
b)	engir (kW)	er at rated ne speed,	Non Evaluative	-do-	30.65	30.4	Yes
c)	consi corre maxii (g/kW		Evaluative	+ 10% max.	240	249	Yes
d)	crank	mum valent kshaft le, (Nm)	Non Evaluative	± 8%	170.5	173.5	Yes
e)	Back perce	-up torque, ent	Evaluative	12 percent	12.0 (D) 12.0 (R)	31.4	Yes
f)	Maxi	mum operating	g temperature	e, (^O 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.	125	104	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.	110	98	Yes
g)	Engin consu (g/kW	ımption,	Evaluative	Not exceeding 1% of SFC at max. Power under High ambient conditions.	2.47 Maximum (R)	0.340	Yes
h)	Smok	ce 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 Maximum (R)	0.17	Yes

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CENTRAL FARMINACINILITY TRAMINIO & LEGINO MOTHOTE BODIN	, age

1		2	3	4	5	6	7
17.1.2	Drav	wbar performan	ce:				
a)	corr 15 _l	with ballast esponding to percent wheel (kN)	Non Evaluative	Minimum 70% of static mass of tractor with ballast.	18.05 (D) 17.02 Minimum (R)	20.43	Yes
b)	Max pull	c. drawbar		Minimum 70% of static mass of tractor without	14.21 (D)		
	balla corr 15		Evaluative	ballast or with standard ballast, as the case may be.	13.21 (R) Minimum	15.70	Yes
c)	Max	ximum wbar power out ballast,	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.	24.9 (D) 24.3 (R) Minimum	27.3	Yes
d)	tran	kimum smission oil perature, (°C)	Evaluative	The declared value should not exceed the maximum value specified by oil company	125 (D)	88	Yes
17.1.3	Pov	Power lift and hydraulic pump performance :					
a)	Max		oacity througl	nout the range of lift, (kN):			
	1)	At hitch points	Evaluative	Tolerance of ± 10%	13.7 (D)	12.61	Yes
	2)	With the standard	Evaluative	The lift capacity should at least be 24 kg/PTO kW. and it should be 21.5	8.80 (D)	8.16	Yes
		frame		kg/engine kW where the tractor is not provided with a PTO shaft.	7.15 (R) Minimum		
b)	the poir app forc min for dura	cimum drop in height of the of lication of the e after each 5 utes interval a total ation of 30 utes, (mm)	Non Evaluative	The observed value should not exceed 50 mm	50 (D) Maximum	36	Yes

1	2	3	4	5	6	7
17.1.4	Brake performance at 25 kmph	ո։				
a)	Maximum stopping distance at a with Unballasted tractor, (m):	•	to or less tha	an 600 N on	brake	pedal
	1) Cold brake	Evaluative	10	10 (R)	6.95	Yes
	2) Hot brake	Evaluative	10	10 (R)	7.43	Yes
b)	Maximum force exerted on the brake pedal to achieve a deceleration of 2.5 m/s ² , (N)	Evaluative	600	600 (R) Maximum	233 to 270	Yes
c)	Whether parking brake is effective at a force of 600 N at foot pedal (s) or 400 N at hand lever	Evaluative	Yes / No	Yes	Yes	Yes
17.1.5	Noise measurement :		Г		1	
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)	96	Yes
17.1.6	Amplitude of mechanical vibra	tions at:				
	 Left foot rest Right foot rest Seat (with driver seated) Steering wheel 	Non Evaluative	100 microns (max.)	100(R)	216 155 161 166	No No No
17.1.7	Air cleaner:					
	Maximum air cleaner oil pull over, (%)	Evaluative	0.25 (Max.)	0.14		Yes
17.1.8	Haulage requirements :					
a)	Gross mass of the trailers, (tones	s):				
	Two wheel	Non Evaluative	As specified	5.0 (D)	5.0	Yes
	Four wheel	Non Evaluative	by the manufac- turer	6.0 (D)	6.0	Yes
b)	Distance travelled / liter of fue	consumption	, (km/l):			
	Two wheel	Non Evaluative	As specified	6.0 to 8.0 (D)	6.67 to 6.89	Yes
	Four wheel	Non Evaluative	by the manufac- turer	7.0 to 9.0 (D)	6.27 to 6.36	No
c)	Fuel consumption, (ml/km/ton	ne):				•
	Two wheel	Non Evaluative	As specified	29 to 33 (D)	29.0 to 30.0	Yes
	Four wheel	Non Evaluative	by the manufac- turer	29 to 33 (D)	26.2 to 26.6	No

1		2	3	4	5	6	7
17.1.9	We	tland cultivation	:				
		wing assemblies:	Evaluative	The identified assemblies should essentially meet the		No ingress of water and / or mud was	
	1)	Clutch assembly	-do-	requirement of IS: 11082. No water	There should be no	reported during Initial commercial	
	2)	Brake housings	-do-	ingress in the identified assembly	ingress	testing of this tractor model tested vide test	Yes
	3)	Front axle hubs	-do-	given in column-2. If tractor does not meet the requirements of	water and/or	report no.	
	4)	Engine Oil	-do-	wetland cultivation, it	mud	1087/1612/2017	
	5)	Transmission Oil	-do-	may be recommended for dry land operation only.	(R)	released in May, 2017	
17.1.10	Saf	ety features :		Tame operation and	I		I
a)	Gua	ards against ving and hot	Evaluative	Belt drives, pulleys, hydraulic pipes (As 12239 (Part2)		Meets the requirement	Yes
b)	arra	nting angement	Evaluative	As per CMV	R	Meets the requirement	Yes
c)	(Tra	ting requirements ctors having more 1 1150 mm rear k width)	Non Evaluative	Should meet requirements of IS: 1 amended from time to		Does not meet the requirement	No
d)	Ted requ PT(hnical uirements for O shaft	Evaluative	Should meet requirements of IS: 4 amended from time to		Meets the requirement	Yes
e)		nensions of three nt linkage	Non Evaluative	Should meet requirements of IS (Part-I) (As amend time to time)		Does not meet the requirement	No
f)		ecifications of age drawbar	Evaluative	Should meet requirements of IS: 1 amended from time to	,	Meets the requirement	Yes
g)		nging drawbar erever fitted)	Evaluative	Should meet the red of IS: 12362 (Part amended from time to	3) (As	Not provided	Not app- licab le
h)	1)	Maximum travelling speed at rated engine speed in reverse gears, kmph	Evaluative	Should not exceed 20 kmph		10.77 (Meets the requirement)	Yes
	2)	Audible warning signal on tractor	Evaluative	As soon as the speed in revers reaches to 20 kr audible warning si tractor shall be active safety aspects ab operation of technology shall be boperation and man /dealer shall ens training on this as operator before the of tractor.	e gear mph, an gnal on ated. The bout the shuttle brought in ufacturer ure the spect to	Not fitted	Not app- licab le

1		2	3	4	5	6	7
17.1.11	Lal	beling of tractor	s (Provision	of labeling plate):		<u> </u>	
	1)	Make	Evaluative	Should conform to the		rs limited	Yes
	2)	Model	Evaluative	requirements of	EURO 41 E3		Yes
	3)	Month &	Evaluative	CMVR along with maximum PTO Power			
		Year of		maximum PTO Power in kW and year of		11/21	Yes
	4)	manufacture Engine	Evaluative	manufacture in	E36	348981	Yes
	4)	number	Evaluative	numerical form.	⊏30	4090 1	168
	5)	Chassis	Evaluative	MM YY	T0535	77660HK	Yes
	,	number		Digit 01 – 12 in box			
	6)	Maximum	Evaluative	No.1 for MM will represent	3	0.65	Yes
		PTO power,		the months and next			
		(kW)		two digits in box No.2			
				for YY			
				will represent the year of			
				Manufacturing.			
17.1.12	Dis	card limit for:					,
(a)		inder bore	Evaluative		98.30	98.032 to	Yes
	dia	meter, (mm)		To be seed for the	90.30	98.051	168
(b)	Cle	arance		To be specified by the manufacturer			
		ween piston &	Non	and supported by	0.45	0.138 to	Yes
		inder liner at	Evaluative	the printed	00	0.144	
(c)		rt, (mm) ton diameter at	Non	literature		97.907 to	
(0)		rt, (mm)	Evaluative		97.656	97.907 to	Yes
d)		ng end gap, (mm				07.012	
,	- 1	Top comp. ring.	<i>,</i> -		2.0	0.40 to	Yes
						0.50	
	-	2 nd comp. ring.		To be specified by	2.0	0.60	Yes
	-	Oil ring.	Evaluative	the manufacturer	2.0	0.40 to	Yes
				and supported by		0.50	
				the printed literature			
(e)	Rir	ng groove cleara	nce. (mm):			I	1
	- 1	Top comp. ring.			0.35	Tapered	
	-	2 nd comp. ring.		To be specified by	0.20	0.035 to	Yes
			Evaluative	the manufacturer		0.038	
	-	Oil ring.		and supported by	0.15	0.045 to	Yes
				the printed		0.052	
(f)	Cla	earance of main	hoarings (m	literature			
(')	-	Diametrical		To be specified by		0.072 to	
		clearance	Evaluative	the manufacturer	0.40	0.072 to	Yes
	-	Crankshaft end		and supported by			
		float	Evaluative	the printed	0.67	0.22	Yes
				literature			

4.

Total

breakdowns

ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test) THIS TEST REPORT IS VALID UPTO:31/07/2027

1	2		3		4	5	6	7		
(g)	Clearance of	big e	nd beari	ings,	(mm):					
	- Diametric	al	Evalua	ative	-do-	0.40	0.067 to 0.074	Yes		
	- Axial		Evalua	ative	-do-	0.60	0.25	Yes		
(h)	Clearance between king and bush, (m		Nor Evalua		-do-	0.50	0.149 to 0.154	Yes		
(i)	Clearance be centre pin bush, (mm)	and	Nor Evalua	ative	-do-	0.50	0.122 to 0.133	Yes		
17.1.13	Literature (S	ubmis	sion to	test a						
(a)	Operator mar	nual	Evalua	ative	Provided / Not Provided	Provided	Provided	Yes		
(b)	Parts Catalog	jue	Evalua	ative	Provided / Not Provided	Provided	Provided	Yes		
(c)	Workshop/ Service manu		Evalua		Provided / Not Provided	Provided	Provided	Yes		
17.1.14	Fitment of R	oll Ove	er Prote	ctive	Structures (ROF	PS):				
	For tractor I more than mm rear width	naving 1150 track	Evalua	ative	ROPS should requirement of OECD code or International Sta	IS:1182 or equivalent	Not fitted	Not appli cable		
17.1.15	Standard Accessories		Evalua	itive	Trailer hitch, hook, linkage should be pro tractor		Provided	Yes		
17.1.16	Accessories (optional)		Nor Evalua		Ballast weight, should me requirement of 0	et the	Provided	Yes		
17.2	2019):	OF BF	REAKDO	WNS	S / DEFECTS (As	•	5.0 of IS:12	207-		
SI. No.	Category of break-downs	(Eval	egory uative / lon uative)		Requirement as per IS: 12207-		As observed	Whether meets the Require- ments (Yes/No)		
1.	Critical		luative	No critical breakdown		None	Yes			
2.	Major	Eva	luative	of the	Not more than two and neither of them should be repetitive in nature		of them should be repetitive i		None	Yes
3.	Minor	Eva	luative	Not freq		five and should not	None	Yes		
	 	1		· · · ·						

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

Evaluative

ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test)

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17.3 Salient Observations:

17.3.1 Laboratory tests:

17.3.1.1 Drawbar Performance Test

- i) Maximum drawbar pull with ballast corresponding to 15 percent wheel slip was observed as 20.43 kN as compare to 22.62 kN during ICT of this model and does not meet the requirement of clause 7.6 of IS: 12207- 2019 with regard to tolerance limit. This should look into for necessary corrective action.
- ii) During ten hours drawbar performance tyre creeping was noted as 40 & 25 mm respectively on LHS and RHS tyre. This should be looked into for necessary corrective action

17.3.1.2 Mechanical Vibration:

The amplitude of mechanical vibration on various assemblies marked as (*) in Chapter – 10 of this test report is on higher side. This calls for dampening down of vibrations especially on LHS and RHS foot rest, operator's seat & steering control wheel to improve the operational comfort and service life of components.

The above observations were also made in the previous Test Report No. T-1087/1612/2017 and no improvement have been made as regards to its conformity so far.

17.3.1.3 Specifications of three point linkage:

i) Lateral distance from lower hitch point to centre line of tractor was observed as 365 against the requirement of 359 mm for Category I.

This observation was found not confirmed in Test Report No. T-1087/1612/2017 no improvement has been made as regards to its conformity so far.

17.3.1.4 Wheel Rims:

The size of the drive wheel (13.6-28) rims was observed as "W11x28".

Rule 95 A (2) of CMVR, 1989 read in conjunction with IS: 13154-2015 provides for "The Agricultural Tractor manufacturer shall select ONLY THAT RIM SIZE AS RECOMMENDED BY THE TYRE MANUFACTURER". In this case, the rim size RECOMMENDED by ITTAC manual for 13.6-28 tyre size is "W12". An immediate corrective action is required to be taken even in stand point of view with compliance to CMVR, 1989.

17.3.1.5 Specifications

- As per technical specification, the provision and type of transport lock in the hydraulic system is mentioned as "Not provided". However the tractor is fitted with transport lock mechanism.
- ii) Coolant water ratio is mentioned as 97:3 which is not unambiguous.
- iii) The lubrication oil change period for engine, gear box and steering is observed different from the specified period in the operator manual.
 - SI. no. (i), (ii) & (iii) calls for stringent checking of the specifications.

17.3.2 Haulage performance test:

During haulage test, distance travelled / liter of fuel consumption was observed as 6.27 to 6.36 km/l with four wheel trailer against the declaration of 7.0 to 9.0 km/l. This should be looked into for necessary corrective action.

17.4 Maintenance / Service Problems:

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

ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test)

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17.5 Recommendation with regard to safety on tractor:

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

- i) Longitudinal distance from seat index point to the centre of steering control wheel has been measured as 540 mm against the requirement of 425 to 525 mm.
- ii) Safety switch for safe start of the engine has not been provided.
- iii) Fuel shut-off knob should be remained in "STOP" position without application of sustainable manual effort.
- iv) Vertical retainers at both sides of clutch and brake pedal should be provided as per IS: 12239 (Part-1) 2018.
- v) Height of first foot step has been measured as 560 mm against the maximum limit of 550 mm.
- vi) Spark arrester should be provided in the exhaust system as per the requirement of IS: 12239 (Part-2)-1999 (Re-affirmed in January, 2019).
- vii) The working clearance between position and draft control lever of hydraulic system was measured as 30 mm & 55 mm between range selection and mud guard against the minimum requirement 70 mm as per IS: 12239 (Part-2)-1999 (Re-affirmed in January, 2019).
- viii) Master shield of PTO shaft has not be provided as per the requirement of IS: 4931-1995.

The recommendations at serial no. (i), (ii), (iii),(vi) and (vii) were also made in the previous Test Report No. T-1087/1612/2017 (May, 2017) but no improvement have been made in this regard so far. Besides these observations, serial no. (viii) were found conform vide Test Report No. T-1087/1612/2017 and now found not meeting the relevant standard, which calls for necessary corrective action.

17.6 Adequacy of Literature supplied with machine:

- 17.6.1 The following literatures were supplied with the test tractor for reference during the test:
 - a) Operator Manual for "Escorts Ltd. EURO 41 E3 (Brand Name: Powertac) & EURO 50 (Brand Name: Powertac)" tractor model.
 - b) Parts catalogue for "Escorts Ltd. EURO 41 E3 (Brand Name: Powertac)" & "EURO 50 (Brand Name: Powertac)" tractor model.
 - c) Repair manual for "Escorts Ltd. EURO 41 E3 (Brand Name: Powertac)" "EURO 50 (Brand Name: Powertac)" tractor model.
- 17.6.2 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:
 - i) Safe hitch height while using trailer.
 - ii) Brand name of coolant and coolant to water ratio.
 - iii) Specification of recommended matching trailer for haulage operation.

ESCORTS LIMITED, EURO 41 E3 (Brand Name: POWERTRAC) TRACTOR -COMMERCIAL (1st Batch Test) THIS TEST REPORT IS VALID UPTO:31/07/2027

TESTING AUTHORITY:

C.V. CHIMOTE TEST ENGINEER

P. K. PANDEY DIRECTOR

C.V. CHIMOTE Municipal Management of the control of the cont

Draft test report is compiled by: Nitesh Kumar Verma, Agricultural Engineer.

18. Applicant's comments

Para no.	Our reference	Applicant's comments
18.1	17.3.1.4	Comment for the fitment of recommended rim size according to IS:13154-2015/ITTAC manual is well taken. We will try to take necessary actions in our design to eliminate this gap.