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राष्ट्रीय मोटर वाहन परीक्षण ट्रैक (राष्ट्रीय मोटर वाहन बोर्ड, भारी उघोग मंत्रालय, भारत सरकार के अंतर्गत)

NATIONAL AUTOMOTIVE TEST TRACKS

(Under National Automotive Board, Ministry of Heavy Industries, Government of India)

N	A	V	B	0202

Dated: 30-Jun-2026

CERTIFICATE

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLE RULES

Cert.	Table 7,11,13	Dwg	Total
06	15	15	36

1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documental verification/ necessary testing was carried out on the following base model and Its variant submitted by the vehicle manufacturer referred below:

Document Reference	Vehicle Manufacturer
Current Certificate	**M/s Vimal Universal Trade Pvt. Ltd.** **Office:** 24-C/6, Sector 7, Nai Sarak, Meerut, Uttar Pradesh, 250001. **Plant:** Factory Build On Plot No. 96 To 102, Rajvansh Vihar Garh Road, Meerut, Uttar Pradesh, 250004.

Vehicle Type	Motor Manufacturer (Model ID)	Controller Manufacturer (Model ID)
3-Wheeler (Battery Operated Vehicle/Pure Electric Vehicle)	M/s Vimal Universal Trade Pvt. Ltd. (VUM60)	M/s Vimal Universal Trade Pvt. Ltd. (VUC60)

Model		Category	Net Power	Max. Speed	Seating Capacity (Incl. Driver)	GVW (kg)	Load Carrying Capacity (kg)
Base	Tom Tom Max 50	L5M	3.35 kW	35 km/h	07	937	--
Variant	LOADZ	L5N		38 km/h	01	942	457
Battery Details	**Make:** Eastman New Energy Private Limited, **Trade name:** Eastman, **Model:** EM LFP S 64132 G, **Type:** LFP , **Qty:**01 , **(TAC:** NT 0034 Dt: 18-Feb-2026**).**						

2. Brief technical specifications **(VUT/TA/L5/01 dt. 02-Apr-2026)** of the vehicle base model and its variant as declared by the manufacturer are enclosed with this certificate. Detailed technical specification **(VUT/TA/L5/01 dt. 02-Apr-2026)** of the vehicle base model and Its variant is also separately issued to the vehicle manufacturer.

3. It is certified that the above-mentioned vehicle base model and Its variant complies with the provisions of the CMVR, 1989, as amended up to date, including following requirements, as detailed at ANNEXURE-I, IA &IB:

Standards	Notification	Effective Date	Applicable CMVR	Refer
Type approval for electric power Train vehicles	SO 2210(E)	01-06-2018	124(1)(30)	ANNEXURE-II

4. This certificate is issued as per CMV Rule 126, to establish the compliance to the provisions of CMVR, 1989 and shall not be construed as a certificate of compliance to any rules other than those listed in ANNEXURE-I, IA, IB & II. Compliance to these rules has been verified based on the use of specific components/ parts/ assemblies etc. details of which are described in the detailed specifications duly endorsed by NATRAX at Para 2 above. It is the vehicle manufacturer's responsibility to ensure fitment of same components/ parts/ assemblies etc. before submission of the vehicle for registration.

AUTHORIZED SIGNATORIES:	*Format no. NAT/EV/3W-HS-24-01, Please turn over for DISCLAIMER*		
UMESH RAGHUWANSHI	KIRAN MULKI		Dr. MANISH JAISWAL
Asst. MANAGER	PRINCIPAL Er. HOMOLOGATION	*Page 01 of 06*	DIRECTOR

कार्यालयः आगरा – मुम्बई मार्ग (एन.एच. 52), पिथमपुर फ्लाईओवर के आगे, पोस्ट–खण्डवा (पिथमपुर के पास), जिला–धार –454774 (म.प्र.)
Office: Agra – Mumbai Highway (NH – 52), Next to Pithampur Flyover, Post- Khandwa (Near Pithampur), Dist. Dhar (M.P.) – 454774
Tel: 09893 892 310, Website: www.natrax.in

मुख्य कार्यालयः दूसरी मंजिल, प्रषासनिक भवन, आईकेट परिसर –।।, सेक्टर – 11, आई. एम. टी. मानेसर, गुरुग्राम, हरियाणा – 122051
Corporate Office: 2nd Floor, Administrative Building, ICAT Campus-II, Sector-11, IMT Manesar, Gurugram, Haryana – 122051
Tel: 01246 900 000, Website: www.natrip.in

Disclaimer:

This Certificate pertains only to the components/parts/ assemblies etc., actually tested at NATRAX in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this Certificate alone does not indicate any measure of approval, certification, supervision, control of quality surveillance by NATRAX of the product. No extract, abridgment or abstraction from this test report shall be published or used to advertise the product without the written consent of the Centre Head/ Director, NATRAX, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. NATRAX is in no way responsible for any misuse of copying of any design / type system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provisions of Indian laws of or laws of other countries, will be sole responsibility of the customer and NATRAX shall not be liable for any claims for damages, made by the party, whatsoever. The customer shall alone be liable for the same and undertakes to indemnify NATRAX in this regard. Further, NATRAX has the right to initiate cancellation / withdrawal of the certificate, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of NATRAX. The appropriate local courts at Indore shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.

1. NATRAX issues CMVR Certificate (CMVR)/ Type Approval Certificate TAC for Vehicles/ Components/ Parts/ Assemblies etc. based on the documents produced and/ or prototype/ vehicle (s) or sample (s) submitted by the applicant and testing thereof.
2. NATRAX issues CMVR Certificate/TAC in compliance to Motor Vehicle Act/ Central Motor Vehicle Rules and their provisions as amended from time to time or any other statutory orders under which NATRAX is authorized. Other Rules/ Acts are outside the purview/ Scope of the CMVR Certificate/ TAC.
3. Test (s) on prototype/ Vehicle (s) or Sample(s) is/are carries out on the basis of standard test procedures as notified under specific rules/ requested by the applicant. Results of such tests are property of bearer Certificate/ TAC. These results cannot be disclosed unless specifically ordered so by Government/ court etc.
4. The bearer of the Certificate/ TAC is under obligation to ensure production strictly as per the provisions of the specific Certificate/ TAC.
5. NATRAX is not responsible for testing each Vehicles/ Components/ Parts/ Assemblies etc. for which Certificate/ TAC is issued. Further NATRAX is not responsible for ensuring manufacturing quality of the Vehicles/ Components/ Parts/ Assemblies etc. for which Certificate/ TAC is issued.
6. NATRAX is in no way responsible for any misuse of copying of any design/ Type/ System in connection with entire Vehicles/ Components/ Parts/ Assemblies etc. covered under the Certificate/ TAC is issued.
7. Breach of any statutory provisions, of Indian Laws and Laws of any other countries, will be sole responsibility of the bearer of the Certificate/ TAC is issued and NATRAX shall not be liable for any claims or damages, whatsoever. The bearer shall alone be liable for the same and shall undertake to indemnify NATRAX in this regard.
8. Further, NATRAX has the right, but not under obligation to initiate cancellation/ Withdrawal of the Certificate issued in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of.

Remarks:

1. *Manufacturing plant for the Vehicles mentioned in Para 1 Page 01, declared by manufacturer is given below:*

   Plant 1 : Factory Build on Plot No. 96 to 102, Rajvansh Vihar, Garh Road, Rajvansh Vihar, Meerut, Meerut, Uttar Pradesh, 250004

   Plant 2 : 57/1, SPORTS COMPLEX, MOHKAMPUR, DELHI ROAD, NEAR AMAR UJALA, Mohkam Pur, Meerut, Meerut, Uttar Pradesh, 250002

   Plant 3 : Plot No. 105 and 106, Khasra No. 28, Rajvansh Vihar, Garh Road, Village Kamalpur, Meerut, Meerut, Uttar Pradesh, 250004

   Plant 4 : Plot No. 103 and 104, Khasra No. 28, Rajvansh Vihar, Garh Road, Village Kamalpur, Meerut, Meerut, Uttar Pradesh, 250004

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ANNEXURE-I

Rule No.	Sub Rule (s)	Compliance Verified for			Standard
93	(1)(A),(1)(B),2	Motor Vehicle Width, Length and Height			--
94	(1), (2) & (3)	Condition of Tyres			--
95	(1), (2), (3), (4), (5), & (6)	Size and Ply Rating of Tyres		Make	IS: 15627-2005- & AIS: 050-2004
		Front	**4.00-12 6PR 77J**	**RALSON**	
		Rear	**4.00-12 6PR 77J**	**RALSON**	
96	(1), (2), (3), (4ia), 7(a) & 8	Brakes			IS: 14664-2010
98	(1) & (2)	Steering gear			--
99	--	Forward and backward motion			--
100	(1), (2) & (3)	Safety glass			IS 2553 (Part 2):2019
101	(1)& 2(iii)	Windscreen wiper			--
102	(1) & (2)	Signalling Devices, Direction Indicators and Stop Lights			--
103	(1) & (2)	Position of the indicator			--
104	(1v) & (4)	Fitment of reflectors			AIS:057(Rev.1)-2010 & AIS- 090:2005
105	1(b),(3),(4) (5)& (7)	Lamps			--
106	(1)	Deflection of Lights			--
108	(1)	Use of Red or White Lights			--
109	--	Parking Lights			--
110	--	Lamps on 3 Wheelers			AIS-134:2016
111	--	Prohibition of Spotlights etc.			--
117	(1) & (2)	Speedometer			IS 11827:2008
119	(1) & (2)	Horns	Installation		IS:1884-1993 & IS: 15796-2008
			Limit	83 dB(A) to 112 dB(A)	
			Observed	**104.4** dB(A)	
			Performance		Performance
120	(2)	Pass by Noise	Limit	77 dB(A)	IS 3028:1998
			Observed	**71** dB(A)	
122	(1) & (2)	Embossment of Chassis number & Motor Number & month of manufacture (Ref. Table 11 of technical specifications)			AIS-065:2005
124	Refer Annexure IA & IB	Safety standards for components as applicable			Ref. ANNEXURE-IA&IB
125	(2)(b)	Rear View Mirror	Specifications		AIS:001 (Part 1) Rev.2-2023
			Installation		AIS:002 (Part 1) Rev.2-2023
	11	Safety provisions for occupant of three wheeled Vehicles			AIS-134:2016

NATRAX File Reference:	NATRAX/3W-HS/26-27/022 & NATRAX/3W-HS/26-27/075
Power Test Report no:	NATRAX/3W-HS/26/TR/PT/0166 Dt.18-Jun-2026
Noise Report no:	NATRAX/3W-HS/26/TR/DYT/0166 Dt.18-Jun-2026
Horn Inst. Report no:	NATRAX/3W-HS/26/TR/PVI/01/0166 Dt.18-Jun-2026

AUTHORIZED SIGNATORIES:

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ANNEXURE- IA

Rule 124(1) Table Sr. No.	Parts/components/Assemblies		Standard	3 Wheelers (L5 Category)
1(b)&(c)	Automobile lamps		AIS 034 (Part 1) (Rev.1):2010	✓
2	Hydraulic Brake hose (if fitted)		IS-7079:2008	✓
3	Hydraulic Brake fluid (if used)		IS-8654:1986	✓
18	Tell Tale Symbols and control		AIS-071:2009	✓
21(ii)	Electromagnetic Compatibility of motor vehicle		AIS-004:2009(Part 3)	✓
23	Gradeability		AIS-003:1999	✓
24	Lighting and Light Signalling devices		AIS-009(Rev.1):2011	✓
26(c)	Specific requirements of L category Electric power train vehicles		AIS-156:2020 (Amendment 3 Phase 2)	✓
27	Measurement of Electrical energy consumption		AIS-039:2015(Rev.1)	✓
28	Method of Measuring the Range		AIS-040:2015(Rev.1)	✓
29	Measurement of Net Power and Maximum 30minute Power		AIS-041:2015(Rev.1)	✓
30	Type Approval for Electric power train vehicle		AIS-049:2016(Rev.1)	✓
32(i)	The Performance requirements for lighting and light-signalling devices			✓
32(i)(a)	Main-beam and Dipped beam headlamp		AIS-010(Part 2) (Rev.1):2010	✓
32(i)(b)	Front position lamp, Direction indicator lamps, stop lamps, Rear position lamps, Rear-registration plate(mark) illuminating devices		AIS-010(Part 3) (Rev.1):2010	✓
32(i)(c)	Front fog lamps		AIS-012(Part 1) (Rev.1):2011	NA
32(i)(d)	Rear fog lamps		AIS-012(Part 2) (Rev.1):2011	NA
32(i)(e)	Reversing running lamps		AIS-012(Part 7) (Rev.1):2011	✓
32(ii)(f)	Daytime running Lamps		AIS-012(Part 10) (Rev.1):2011	NA
39	Windscreen Wiping system		AIS-045:2004	✓
42	Requirements of Handholds		AIS-046:2005	✓
43(a)&(b)	Wheel rims	Light Alloy	IS:16192-2014 (Part 1)	✓
		Sheet metal	IS:16192-2014 (Part 2)	
44	Protective devices against unauthorised use		AIS-074:2005	✓

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ANNEXURE- IB

CMV Rule	Compliance Verified For		Standard	Effective Date
2(ic), (id) & (j)	Definitions- Category of vehicle	L5M & L5N	IS:14272-2011	20.10.2018
124(4)	The Procedure for Type Approval and establishing conformity of production for components	Safety glass/ Tyres/ Horn/ Brake hose	AIS-037:2004	01.04.2009
		Bulb/ Rear View Mirror		01.10.2009
		Lighting and Light signalling Devices / Retro-reflectors/Reflective tape		01.04.2010
		Traction battery for Electric power train vehicles		31.03.2023

ANNEXURE- II

Standards	Notification	Date	Effective From	Applicable CMVR	Applicability
Pass by Noise Limits	GSR 111(E)	10.02.2004	01.04.2005	120(2)	YES
Brakes / Signalling device, Direction Indicators and Stop lights / Fitment of reflectors / VIN / Safety Standards of components	GSR 338(E)	26.03.1993	Notified dates	ANNEXURE-I/ ANNEXURE-IA/ ANNEXURE-IB	YES
Position of indicators / Lamps	GSR 116(E)	27.02.2002			YES
Tyres /Use of red, White or Blue light	GSR 400(E)	31.05.2002			YES
Gradeability / Spray suppression	GSR 1365(E)	13.12.2004			YES
BOV definition / Tyres / Brakes / Signalling devices, Direction Indicator and stop light / Fitment of reflectors/ Horns/ Pass by noise/ VIN	GSR 589 (E)	16.09.2005			YES
Safety Standards of components	SO 1431(E)	20.08.2007			YES
Tyres/VIN/Safety Standards of components	GSR 784(E)	12.11.2008			YES
Deflection of Lights/Speedometer/ Horns/Wiper	GSR 291(E)	24.04.2014			YES
Tell- tale / EMC / BOV	SO 411(E)	09.02.2016			YES
Lamps	GSR 188(E)	22.02.2016			YES
Brakes	GSR 310(E)	16.03.2016			YES
Safety Standards of components	SO 6108 (E)	10.12.2018			YES
Definitions/Brakes / Fitment of reflectors	GSR 1192(E)	10.12.2018			YES
Rear View mirror	GSR 1192(E)	10.12.2018			YES
	GSR 38(E)	15.01.2024	15.01.2025		YES
Reflective tape	GSR 807(E)	23.10.2019	1.04.2020		YES

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Motor Vehicle Width, Length and Height / Overall Dimension	GSR 414(E)	26.06.2020	Notified dates	ANNEXURE-I/ ANNEXURE-IA/ ANNEXURE-IB	YES
Safety provisions for occupant of three wheeled vehicles	GSR 1225(E)	20.12.2018	01.04.2020		YES
Definitions	GSR 240(E)	31.03.2021	Notified dates		YES
	GSR 823(E)	06.11.2023			
	GSR 838(E)	14.11.2023			
Wheel Rims	SO 1406(E)	22.03.2021			YES
	SO 359(E)	27.01.2022			YES
	SO 2914(E)	22.07.2021			YES
	SO 2634(E)	08.06.2022			YES
	SO 3896(E)	24.08.2022			YES
	SO 3800(E)	22.08.2023			YES
Traction Battery	SO 5419(E)	27.12.2021			YES
	SO 4143(E)	02.09.2022			YES
	SO 4567(E)	28.09.2022			YES
Traction Battery for electric Power train Vehicles	GSR 888(E)	19.12.2022			YES

***** END OF DOCUMENT *****

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