

A	A	S	B	0703
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 Date: 26th October 2023

Cert	Brief + Drg	Total
3	21	24 Pgs

CERTIFICATE

FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

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**, submitted by the vehicle manufacturer referred below:

Documental Reference		Vehicle Manufacturer		
Current Certificate		M/s. Prabha Automotive Engineers Pvt. Ltd. Plot No. G-79, Sipcot Industrial Park Vallam Vadagal 'B' Village Sriperumbudur Taluk, Kanchipuram District		
Base Model	Type & Category	Seating Capacity (Incl. Driver)	GVW, kg.	Load Carrying Capacity kg.
ELGO LI-ION	Three wheeler E Cart	1 Person	728	310
Motor		Motor Manufacturer		
Model/ Type	Power		Lucas -TVS. Lucas - TVS Limited, No 7, Eripakkam Commune, Nattappakkam, Puducherry- 605106.	
26072231/BLDC	Max. Power	Max. Thirty Minutes Power		
	1.7 kW @ 17 km/h	1.5 kW @ 17 km/h		

- 1a. Brief technical specifications (**No. 59299**) of the base model, as declared by the vehicle manufacturer, are enclosed with this certificate. Detailed specifications (**No. 59299**) of the base model are also separately issued to the vehicle manufacturer.
2. It is certified that the above base model complies with the provisions of the Central Motor Vehicles Rules, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE-I & II):

Safety Standards	Notification	Date	Effective From	Applicable CMVR
- Battery Operated Vehicle-Definition/ Overall Dimensions/ Tyres / Embossing of Motor Number etc. - Brakes/Lamps/ Category of vehicle/ Tyres/VIN Number/ Horn/ Other Safety Components	GSR 589(E)	16.09.2005	Notified dates	ANNEXURE- I ANNEXURE- II
	GSR 784(E)	12.11.2008		
	GSR 291(E)	24.04.2014		
	GSR 709 (E)	08.10.2014		
	SO 2590(E)	08.10.2014		
	GSR 1192 (E)	10.12.2018		
	GSR 807(E)	23.10.2019		
	GSR 414(E)	26.06.2020		
	GSR 435(E)	18.06.2021		
	GSR 888(E)	19.12.2022		

3. This Certificate is issued as per CMV Rule 126, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any rules other than those listed in ANNEXURE-I & II. Compliance to these rules has been verified based on the use of specific components/parts/assemblies etc. details of which are given in the detailed specifications duly endorsed by ARAI as mentioned at para. 1a above. It is the vehicle manufacturer's responsibility to ensure fitment of same components/parts/assemblies etc. before submission of the vehicle for registration.

AUTHORISED SIGNATORY




A. A. BADUSHA
SENIOR DEPUTY DIRECTOR & HEAD
HOMOLOGATION MANAGEMENT REGULATIONS,
VEHICLE CUM SAFETY EVALUATION & AUTO PLI CELL,
ARAI, PUNE.
 Place of Issue: Pune

Dr. REJI MATHAI
DIRECTOR
ARAI, PUNE.

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An ISO 9001, ISO 14001, ISO 45001 and ISO/IEC27001 Certified Organization

ANNEXURE-I

CMVR CERTIFICATE No.

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 dt. 26th October 2023

Following rules are verified and found to be complying.

Rule No	Sub Rules	Description	Reference		Compliance Verified for	Effective From	
			GSR/SO	Date			
2	(cc)	Definitions (Classification of the Vehicle)- E-Cart	1192(E)	10.12.18	IS:14272-2011	10.12.2018	
93	(1)(A), (1)(B), (2) & (3)	Overall dimension of motor vehicles	414(E)	26.06.20	----	18.06.2021	
			435(E)	18.06.21			
94	(1), (2), (3)	Condition of tyres	-----	-----	-----	-----	
95	(1), (2), (3), (4), (5), (6)	Size & Ply rating of tyres	784(E)	12.11.08	IS:15627-2005	08.10.2014	
			709(E)	08.10.14	AIS:050-2004	-----	
96	(1), (2), (3), (4)(i), (7), (8)	Brakes	589(E)	16.09.05	IS:14664-1999	08.10.2014	
99	-----	Forward and backward motion	-----	-----	-----	-----	
102	(1), (2)	Signalling devices, direction indicators & stop lights	589(E)	16.09.05	-----	-----	
103	(1), (2)	Position of the indicator	-----	-----	-----	-----	
104	(1(v)), (4)	Fitment of reflectors	807(E)	23.10.19	AIS:090-2005 Annexure 4, 5 and 6	01.04.2020	
			1192(E)	10.12.18	AIS-057 (Rev.1): 2010	01.10.2019	
105	(1)(b), (3), (4) (5), (7)	Lamps	589(E)	16.09.05	-----	01.04.2006	
106	(1)	Deflection of lights	-----	-----	-----	-----	
108	-----	Use of red or white lights	-----	-----	-----	-----	
110	-----	Lamps	-----	-----	-----	-----	
111	-----	Prohibition of spotlights etc.	-----	-----	-----	-----	
119	(1), (2)	Horns	Performance	214(E)	18.03.99	IS:1884-1993	18.03.1999
		Installation	291(E)	24.04.14	IS:15796-2008	01.10.2014	
122	(1)	Embossment of the Chassis Number, Motor Number & date of manufacture Ref: Table 11 of Brief Specifications.	589(E)	16.09.05	AIS:065-2005	01.04.2009	
			784(E)	12.11.08			
124	(2A)	Safety standards of components as applicable	S. O. 2590(E)	08.10.14	Refer ANNEXURE-II		

Tyre	Front	Rear	Spare	Measured Value		Limit		
Tyre Size	3.75-12, 66 B & 4ply Rating			Horns	89.7 dB (A)	83 dB (A) to 112 dB (A)		
Tyre Make	Ceat Limited: Milaze							
Apx No.				23240323				

AUTHORISED SIGNATORY

A. A. BADUSHA
SENIOR DEPUTY DIRECTOR & HEAD
HOMOLOGATION MANAGEMENT REGULATIONS,
VEHICLE CUM SAFETY EVALUATION & AUTO PLI CELL,
ARAI, PUNE.
Place of Issue: Pune

Dr. REJI MATHAI
DIRECTOR
ARAI, PUNE.

ANNEXURE-II

CMVR CERTIFICATE No.

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dt. 26th October 2023

CMV Rule 124 (1) TABLE B Sr. No.	Particulars	Compliance Verified for	Reference		Effective From
			GSR/SO	Date	
1.	Automobile Lamps (i) Head Lights Main and Dip (ii) Parking Light (iii) Direction Indicator Lamp (iv) Tail Lamp (v) Reversing Lamp (vi) Stop Lamp (vii) Rear Registration Mark Illuminating Lamp	AIS:034-2004	S. O. 2590(E)	08.10.2014	08.10.2014
2.	Wheel rims	AIS:073-2007			
3	(a) Installation requirements for Lighting & light Signaling devices (b) Performance requirements for Lighting & light Signaling devices	AIS:009-2001 AIS:012-2004 / AIS:010-2004			
4	The requirements for construction and functional safety of battery operated vehicles	AIS:038-2003			
5	The measurement of net power and the maximum thirty minute power and speed for battery operated vehicles	AIS:041-2003			
6	Traction batteries used in battery operated vehicles	AIS:048-2009			
7	Requirements of handholds	AIS:046-2009			
CMV Rule 124 (4) Sr. No.	Safety standards of components	AIS:037-2004	888(E)	19.12.2022	31.03.2023
23	Traction Battery for Electric Power train Vehicles				

Disclaimer:

1. ARAI issues "Type Approval Certificates" (TAC) for vehicles/ components/ parts/ assemblies etc. based on the documents produced and /or prototype/s submitted by the applicant and testing thereof.
2. ARAI issues TAC in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of TAC.
3. Test(s) on prototype(s) is/are carried out on the basis of standard procedures as notified under specific rules. Results of such tests are the property of bearer of TAC. These results cannot be disclosed unless specifically so ordered by Government, Court.
4. The bearer of the TAC is under obligation to ensure production strictly as per the provisions of the specific TAC.
5. ARAI is not responsible for testing each vehicles/ components/ parts/ assemblies etc. for which TAC is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the type approved vehicles/ components/ parts/ assemblies etc.
6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the TAC.
7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of TAC and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.
8. ARAI 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 ARAI.

The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate/ Report.

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HOMOLOGATION MANAGEMENT REGULATIONS,
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