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CAPB0148F01

Date : 20th February 2023

Cert	Table 7, 11 & 13	Dwg	Total
03	13	04	20 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:

This certificate supercedes	Vehicle Manufacturer			
CAPB 0148 dt. 19.06.2020	M/s Zero 21 Renewable Energy Solutions Private Limited LIG B55, Dr. A.S. Rao Nagar, Kapra ECIL, Hyderabad, Telangana, 500 062 Plant: Hyderabad, Telangana			
Type & Category	Motor Manufacturer (Model ID)		Controller Manufacturer (Model ID)	
Special Purpose Battery Operated Vehicle & E-Cart	M/s Lucas-TVS Ltd. (2607)		M/s Lucas-TVS Ltd. (2607)	
Base Model	Max. 30 Minute		Seating Capacity (incl driver)	GVW/Load carrying capacity
	Power	Speed		
MULE	1.64 kW	18 km/h	1 Person	672/310
Variant(s)	NA			
Battery (Make/Capacity/Voltage/Id/Type)	M/s Inverted Energy Private Limited / 51.2 V / 100 Ah / ERINVLP51100 / Lithium Ion			

- 1a Brief technical specifications (Z21/TA/01 dt. 01.07.2022) of the base model as declared by the vehicle manufacturer are enclosed with this certificate. Detailed specifications (Z21/TA/01 dt. 01.07.2022) of the base model are also separately issued to the vehicle manufacturer.
- 2 It is certified that the above base model comply with the provisions of the CMVR, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE - I, IA & IB):

Standards	Notification	Date	Effective From	Applicable CMVR
E - Cart	GSR 709(E)	08.10.2014	08.10.2014	ANNEXURE - I, IA, IB

Refer ANNEXURE -II

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, IA, IB & 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 ICAT 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.

Please turn over for Disclaimer

AUTHORISED SIGNATORY			
MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR	Page 1 of 3