

GOVERNMENT OF NCT OF DELHI
TRANSPORT DEPARTMENT: OPERATION BRANCH
5/9, UNDER HILL ROAD, DELHI-110054

No. F. DC/OPS/TPT/2023/539/61259

CIRCULAR

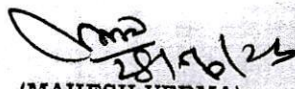
Dated: June 28, 2023

Approval of the Competent Authority, Transport Department, Government of NCT of Delhi is hereby conveyed to allow the registration approval of the following Battery Operated Vehicle(s), manufactured by **M/s Zero 21 Renewable Energy Solutions Private Limited**, in National Capital Territory of Delhi, as per details contained in the Type Approval Certificate issued by designated testing agency i.e. **ICAT, Manesar, Gurugram**, as detailed below:

Sl. No	Details as per Type Approval Certificate as per CMVR, 1989									
1	Agency, Certificate no & Date		ICAT, Manesar, Gurugram TAC No.- CAPB 0148 F01 dated 20.02.2023							
2	This certificate supercedes		CAPB 0148 dated 19.06.2020							
3	Name of Vehicle Manufacturer		M/s Zero 21 Renewable Energy Solutions Private Limited, LIG B55, Dr. A.S. Rao Nagar, Kapra ECIL, Hyderabad, Telangana, 500062. Plant : Hyderabad, Telangana.							
4	Motor	Manufacturer	M/s Lucas – TVS Ltd.							
		Model ID	2607							
		Range as per AIS 040 (Rev.1) (km)	151 km							
		Maximum 30 Minute Power	1.64 kW							
		Maximum 30 Minute Speed	18 km/h							
5	Battery	Make/Trade Name	M/S INVERTED ENERGY PVT LTD. (ID : ERINVLP51100)							
		Kind of Electro-Chemical Chemistry	Lithium-Ion							
		Energy (kWh)	5.120 kWh							
		Capacity (Cs)	100 Ah in 5 Hrs							
		Battery Mass (kg)	61 Kg							
6	Controller	Manufacturer	M/s Lucas – TVS Ltd.							
		Model ID/Number	2607							
7	Vehicle Max Speed	In unladen condition	18 kmph							
		In laden condition	16 kmph							
Base Model		Seating Capacity (including Driver)	Type & Category	GVW in Kg	Load Carrying Capacity, in kg	Dimensions in mm				
						Wheel Base	Overall Width	Overall Length	Overall Height	
MULE		1 Person	Special Purpose Battery Operated Vehicle & E-Cart	672	310	2130	985	2795	1775	

The approval is accorded subject to the responsibility of the manufacturer for ensuring the fitment of the same component, parts/assemblies etc details of which are given in detailed specifications endorsed by **ICAT, Manesar, Gurugram, Haryana**, at the time of submission of the vehicles for COF/Registration. Manufacturer should ensure that the vehicle is delivered fully built by them and no element of local body is involved.

All DTOs / DTO (HQ)/CMVI (Burari) are requested to accept the aforesaid Base Model i.e. "MULE", manufactured by **M/s Zero 21 Renewable Energy Solutions Private Limited**, subject to fulfillment of provisions of Motor Vehicle Act, 1988 and rules made there under and the department's instructions / order issued from time to time in this regard.


(MAHESH VERMA)
PCO (OPERATIONS)
 Dated: June 28, 2023

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Copy forwarded for information and necessary action to:-

- 1) All DTOs/DTO (HQ)/CMVI/ARU/(Burari), Transport Department, GNCTD.
- 2) DC(EV)/CEO(EV), EV Cell, Transport Department, GNCTD.
- 3) **M/s Zero 21 Renewable Energy Solutions Private Limited**, LIG B55, Dr. A.S. Rao Nagar, Kapra ECIL, Hyderabad, Telangana, 500062.
- 4) Sr. System Analyst, Transport Department, Delhi for uploading this circular.
- 5) Guard File.


(MAHESH VERMA)
PCO (OPERATIONS)