

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

No.F.DC/OPS/TPT/2023/521/66843

Dated: July 18, 2023

CIRCULAR

Approval of the Competent Authority, Transport Department, Government of NCT OF Delhi is hereby conveyed to allow the registration Approval of the following Base Model and its variants, manufactured by **M/s Mahindra & Mahindra Limited**, as per the details in the Type Approval Certificate issued by designated testing agency, **ARAI, Pune**, Under Rule 126 of CMV Rule 1989, for compliance to the Central Motor Vehicles Rules amended up to date as per details given below:

S.No		Details as per Type Approval Certificate as per CMVR, 1989					
1	Agency, Certificate No. & Date		ARAI, Pune, TAC No. – AARB 0277 F01 dated 30.11.2022				
2	This Certificates Supersedes		AARB 0277 dated 10.08.2022				
3	Vehicle Manufacturer	M/s Mahindra & Mahindra Limited, (a) Zaheerabad, Medak dist. Telangana. (b) 88/89, MIDC, Satpur, Nasik-422007. (c) Akurli road, Kandivli (East), Mumbai-400101. (d) Integrated Industrial Estate, Sector-5, Sidcul, Uttarakhand, Haridwar. (e) Mahindra Vehicle Manufacturers Limited, Taluka-Khed, Pune-410501.					
4	Fuel	N/A (Battery Operated Vehicle)					
5	Type and Category	Electric 3 Wheeler (Battery Operated Vehicle) – L5N					
6	Seating Capacity (Including Driver)		1 Person				
7	Motor	Model/Type	AC Induction Motor				
		Max. Power	12 kW @ 2920 rpm				
		Max. Thirty Minutes Power	6 kW @ 3500 rpm				
		Manufacturer	M/s. Mahindra Electric Mobility Limited				
		Range as per AIS 040 (Rev.1)(km)	158 Km (For Base Model) 153 Km (For all variants)				
8	Battery	Make and Trade Name (if any)	Cells – CALB, Pack – Mahindra Electric Mobility Limited				
		Kind of Electro-Chemical Chemistry	Li-FePO ₄				
		Battery Energy (kWh)	10.24 kWh				
		Battery Capacity (Cs) in Ah	200 Ah				
		Battery Mass (kg)	96 kg + 2 kg				
9	Controller	Make	Curtis Instruments				
		Model Number / Part number	Model No : AC F4-A-48-375-001, MEML Part No.:2201AP300190N, Supplier Part No.:394431102				
10	Vehicle Max Speed in unladen condition		50 km/h				
	Vehicle Max Speed in laden condition		50 km/h				
11	Details of Base Model and its variant(s) with GVW & Dimensions in mm.						
BASE MODEL		GVW in Kg	Load Carrying Capacity, kg	Wheel Base	Overall Width	Overall Length	Overall Height
Zor Grand PU		998	438	2200	1460	3425	1755
VARIANT(S)							
1(*)	Zor Grand DAC 1	998	To be verified after body building	2200	1505	3425	2295
				(For 140 cu. Ft. Delivery Van application)			
2(*)	Zor Grand DAC 2	2200		1590	3475	2490	
		(For 170 cu. Ft. Delivery Van application)					
Note : Vehicles with incomplete configurations need to be verified after body building, at the time of registration. These respective vehicles and rules which need verification are marked (*).							

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The approval is accorded subject to the responsibility of the manufacturer for ensuring the fitment of the same component, parts/assemblies etc. the details of which are given in the detailed specifications endorsed by ARAI, Pune,, before submission of the vehicles for COF/Registration Manufactured should ensure that the vehicle is delivered fully build by them and no element of local body is involved.

All DTOs/CMVI (Burari) are requested to accept the base model “Zor Grand PU” and its variants detailed above manufactured by **M/s Mahindra & Mahindra Limited**, in NCT of Delhi, subject to compliance of Motor Vehicles Act and Rules made there under, Orders of Hon'ble Court/ Tribunals and the Department's instruction /order issued from time to time in this regard.

(MAHESH VERMA)
PCO (OPERATIONS)

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Copy forwarded for information and necessary action to:

6. All DTOs/CMVI (Burari)/Programmer, Transport Department, GNCTD.
7. Dy. Commissioner (EV)/CEO, EV Cell, Transport Department, GNCTD.
8. M/s Mahindra & Mahindra Limited, Regd. Office – Gateway Building, Apollo Bunder, Mumbai-400001, India.
9. Sr. System Analyst, Computer Branch, Transport Department, GNCTD to upload on the website of the department.
10. Guard File.

(MAHESH VERMA)
PCO (OPERATIONS)