

1347/CSM

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

F.No. DC/OPS/TPT/561/2015/ 2551-54

Date: 10-11-15

CIRCULAR

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow the registration approval of Battery Operated E-rickshaw, as per details given below, manufactured by **M/s. Mini-Metro EV LLP 164-Mohkampur, Industrial Area, Delhi-Road, Meerut** in National Capital Territory of Delhi. As per the details contained in the Type Approval Certificate issued by designated testing agency ICAT, Manesar, the model complies to the Central Motor Vehicle Rules, 1989.

Certificate No. / Date / Agency		CAKB 0100 dated 02/07/2015 by ICAT			
Vehicle Manufacturer		M/s. Mini-Metro EV LLP 164-Mohkampur, Industrial Area, Delhi-Road, Meerut			
Base Model / Category	Type : E-Rickshaw	Seating Capacity (Incl. Driver)	GVW, kg	Wheel Base, mm	Max. Speed kmph
"Mini-Metro" / L5M	Special Purpose Battery Operated (3 wheeled) Vehicle	5 Persons	696	2120	22.21
Traction Battery					
Make / Type	Model	Nominal Voltage	Capacity		
M/s Exide industries Ltd. / Lead Acid	12ER100L	12x4 (48 V)	80 Ah		
Traction Motor					
Type / Identification No.	Manufacturer		Net Power	Maximum 30 minutes Power	
BM1418W-750	M/s Zhejiang unite Motor Co. Ltd., No 287, Lingshi Road, Cheng Xi Indl. Zone, Yongkang City, Zhejiang Province, China		1540 Watt	1460 Watt	
Power Controller					
Identification No.	Manufacturer		Importer	Rating	
YF-48V50A	M/s Changzhou Yufeng Vehicle Co. Ltd., East Cungian street, Huangli Town, Ximenwai, Changzhou, Jiangsu Province China		--	42.5-54V/40A	
Charger					
Identification No.	Manufacturer		Rating		
C2AK480012	M/s. Axion Energy Conversion Pvt. Ltd.		48V/12A		
Tyre Size	90/90-12 54J, Tube Type (Birla, Speedways, TVS and Ralco)				
Overall dimensions	Width : 970 mm, Length : 2640 mm, Height - 1772 mm				

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10/11/15

Vide Type approval certificate No detailed above, the testing agency ICAT Gurgaon has certified that the above base model comply with the provisions of the CMVR, 1989, as detailed at Annexure-I, IA & IB in TAC No. **CAKB 0100** dated **02/07/2015** including following requirements :-

Standards	Notification /Date	Effective from	Applicable CMVR
E-Rickshaw BoV / VIN/ Brakes/ Lamps/ Horn/ Bulbs/ Tyre/ Lighting & Signaling devices/ Traction Battery and other safety components	GSR 709 (E) dt. 08.10.2014 S.O. 2590 (E) dt. 08.10.2014 GSR 784(E) dt. 12.11.2008 S.O.3090 (E) dt. 08.12.2004	08.10.2014	ANNEXURE-I ANNEXURE-IA ANNEXURE-IB

The approval is accorded subject to the responsibility of the manufacturer / Importer for ensuring the fitment of the same component, parts/ assemblies etc details of which are given in detailed specifications endorsed by the ICAT, at the time of producing the vehicle (s) before inspecting authority for COF/Registration.

The manufacturer / dealer will sale E-rickshaws for registration in Delhi only to those persons **who are in possession of an effective learner's license** to drive an E-rickshaw issued by the Transport Department after obtaining a trade certificate in Form-17 as per the provisions of rule 35 of CMVR from the Transport Department

All MLOs / MLO (HQ)/CMVI / ARU (Burari) are requested to accept the Base model – “Mini-Metro”, L-5 M manufactured by **M/s. Mini-Metro EV LLP 164-Mohkampur, Industrial Area, Delhi-Road, Meerut** in NCT of Delhi subject to fulfillment of provisions of Motor Vehicle Act, 1988 and rules made there under and the department's instructions/orders issued from time to time in this regard.

(MAHARAJ SINGH)
MVI (OPERATIONS)

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Copy forwarded for information and necessary action to:-

1. All MLOs / MLO (HQ)/CMVI / ARU (Burari)
2. M/s. Mini-Metro EV LLP 164-Mohkampur, Industrial Area, Delhi-Road, Meerut
3. SA, Computer Branch, Transport Department to upload on department website.
4. Guard File

(MAHARAJ SINGH)
MVI (OPERATIONS)