

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

No. F. DC/OPS/TPT/2021/346/ 20135

Dated: 09 March, 2022

**CIRCULAR**

09.03.2022

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow the registration approval of E-Rickshaw/E-Cart, as per details given below, manufactured by **M/s EFEV Charging Solutions Pvt. Ltd.**, in National Capital Territory of Delhi, as per the details contained in the Type Approval Certificate issued by designated testing agency **iCAT, Manesar, Gurugram**, the model/variant complies with the Central Motor Vehicle Rules, 1989.

| Sl.No      | Details as per Type Approval Certificate as per CMVR               |                                                            |                                                                                                               |               |         |              |          |
|------------|--------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------|---------|--------------|----------|
| 1          | Agency, Certificate no & Date                                      |                                                            | ICAT, Manesar TAC No.- CARB 0108 dated 02/02/2022                                                             |               |         |              |          |
| 2.         | Document reference                                                 |                                                            | Current Certificate                                                                                           |               |         |              |          |
| 3.         | Name of Vehicle Manufacturer                                       |                                                            | M/s EFEV Charging Solutions Pvt. Ltd., G-7/325, Sector-16, Rohini, New Delhi-110085. Plant : Sonipat-Haryana. |               |         |              |          |
| 4.         | Motor                                                              | Make                                                       | TVS Lucas Ltd.                                                                                                |               |         |              |          |
|            |                                                                    | Manufacturer                                               | ID - 26072202                                                                                                 |               |         |              |          |
|            |                                                                    | Motor Power (Maximum)                                      | 1.428 kW                                                                                                      |               |         |              |          |
|            |                                                                    | Maximum thirty Minutes Power (kW)                          | 1.328 kW                                                                                                      |               |         |              |          |
| 5.         | Battery                                                            | Make and Trade Name                                        | M/s Amara Raja Batteries Limited, Karakambadi-517520, Tirupati Andhra Pradesh, India                          |               |         |              |          |
|            |                                                                    | Kind of Electro - Chemical Chemistry                       | Lithium Ion, NMC with LMO                                                                                     |               |         |              |          |
|            |                                                                    | Battery Energy (kWh)                                       | 5.3 kW                                                                                                        |               |         |              |          |
|            |                                                                    | Battery Capacity (Cs)                                      | 88.5 Ah (Nominal)                                                                                             |               |         |              |          |
| 6.         | Power Controller                                                   | Battery Mass                                               | 50 Kg -/+ 1Kg                                                                                                 |               |         |              |          |
|            |                                                                    | Manufacturer (Model)                                       | TVS Lucas Ltd.<br>(ID - 26072118)                                                                             |               |         |              |          |
|            |                                                                    | Model Number / SR. No. number                              | 26072118/EFEV310321 AA0002                                                                                    |               |         |              |          |
| 7.         | Electrical energy consumption of vehicle in W-h/km, as per AIS-039 |                                                            |                                                                                                               |               |         | 57.36 W-h/km |          |
| Base Model | Seating Capacity                                                   | Type & Category                                            | Dimension In mm                                                                                               |               |         |              |          |
|            | 1 Person<br>(including Driver)                                     | Special Purpose<br>Battery<br>Operated Vehicle<br>& E-Cart | GVW in Kg/Load<br>carrying capacity                                                                           | Wheel<br>Base | O/Width | O/Length     | O/Height |
| HAULER     |                                                                    |                                                            | 710/310                                                                                                       | 2130          | 998     | 2765         | 1780     |

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**, 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 "HAULER", manufactured by **M/s EFEV Charging Solutions Pvt. Ltd.**, 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.

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Copy forwarded for information and necessary action to:-

1. All DTOs/DTO (HQ)/CMVI/ARU/(Burari), Transport Department, GNCTD.
2. M/s EFEV Charging Solutions Pvt. Ltd., G-7/325, Sector-16, Rohini, New Delhi-110085.
3. Sr. System Analyst, Transport Department, GNCTD for uploading this circular on the website.
4. Guard File.

08/March/2022  
(VIKAS JAIN)  
PCO (OPERATIONS)  
Dated: 09 March, 2022

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