

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
TRANSPORT DEPARTMENT : OPERATION BRANCH
5/9, UNDER HILL ROAD: DELHI – 110054**

DC.OPS/622/Tpt./2016/ 970-93

Dated :May 02, 2016

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 Five Elements, Plant1, 268, Purani Tehsil, Rampur Road, Roorkee, Uttarakhand-247 667, Plant 2 Vill. Salier, Opp. Durga Ply, Distt. Haridwar, Uttarakhand-247 667 in National Capital Territory of Delhi. As per the details contained in the Type Approval Certificate issued by designated testing agency ICAT, the model complies to the Central Motor Vehicle Rules, 1989.

| | | | | | |
|---|--|--|---------------------------------|-----------------------|-------------------|
| Certificate No. / Date / Agency | | CALB 0022 dated 04.02.2016 of ICAT, Manesar, Gurgaon, Haryana | | | |
| Vehicle Manufacturer | | M/s Five Elements, Plant1, 268, Purani Tehsil, Rampur Road, Roorkee, Uttarakhand-247 667, Plant 2 Vill. Salier, Opp. Durga Ply, Distt. Haridwar, Uttarakhand-247 667 | | | |
| Base Model / Category | Type : E-Rickshaw | Seating Capacity (Incl. Driver) | GVW, kg | Wheel Base, mm | Max. Speed |
| HANS L 5 M | Special Purpose Battery Operated Three Wheeler | 5 PERSONS | 697 Kg. | 2110 mm | 21.5 kmph |
| Traction Battery | | | | | |
| Make / Type | Model | Nominal Voltage | Maximum 30 minutes speed | Capacity | |
| M/s Prudent Accumulators | INPHYNYT E-TOUR 90 AH | 12x4 (48 V) | 21.5 kmph | 90 Ah | |
| Traction Motor | | | | | |
| Type / Identification No. | Manufacturer | Net Power | Maximum 30 minutes Power | | |
| YF-850 W | M/s Changzhou Yefend Vehicle Co. Ltd, Jiangsu China. | 1230 W | 1150 W | | |
| Power Controller | | | | | |
| Identification No. | Manufacturer | Importer | Rating | | |
| YF30C850 | M/s Changzhou Yefend Vehicle Co. Ltd, Jiangsu China. | -- | 44-54 V -50A | | |
| Tyre Size designation including Ply rating | Fr & Rr | Make | | | |
| | 90/90-12 54 | Birla Tyres, Speedways Rubber CO, TVS, Ram Lubhaya and sons. | | | |
| | 3.00-12, 63B | Ram Lubhaya and sons | | | |
| | 90/90-12, 48P | Onidao Xlyingmen Double Camel Tyre Co Ltd. | | | |
| Overall dimensions | Width :990 mm, Length : 2780 mm, Height – 1762 mm | | | | |

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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 CALB 0022 dated 04.02.2016 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 S.O.3090 (E) dt. 08.12.2014 GSR 784(E) dt. 12.11.2008 | 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 Learners' Driving 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. Further, the model will not be registered unless the manufacturer intimates the Ex-showroom price to the department. This approval is further subject to opening of dealership and sale through authorised dealers only.

All MLOs / MLO (HQ)/CMVI / ARU (Burari) are requested to accept the Base model **HANS** manufactured by M/s Five Elements, Plant1, 268, Purani Tehsil, Rampur Road, Roorkee, Uttarakhand-247 667, Plant 2 Vill. Salier, Opp. Durga Ply, Distt. Haridwar, Uttarkhand-247 667, in NCT of Delhi subject to fulfilment 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.

(PRAWIN DESAI)
MLO (OPERATIONS)

Dated : May 02, 2016

DC.OPS/622/Tpt./2016/ 970-73

Copy forwarded for information and necessary action to:-

1. All MLOs / MLO (HQ)/CMVI / ARU (Burari)
2. M/s Five Elements, Plant1, 268, Purani Tehsil, Rampur Road, Roorkee, Uttarakhand-247 667.
3. System Analyst, Transport Department, Delhi.
4. Guard File

(PRAWIN DESAI)
MLO (OPERATIONS)

