

132/CB/1/P  
24/1/17

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**

**TRANSPORT DEPARTMENT, OPERATION BRANCH**

**5/9 UNDER HLL ROAD, DELHI**

DC/OPS/TPT/819/2016/ 6245-48

Dated : 23/01/2017

**CIRCULAR**

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow the registration approval of Battery Operated "Diamond SHAKTI" E-Rickshaw, as per details given below, manufactured by **M/s A.V. Automotives Pvt. Ltd., C-231, B.S. Road Industrial Area, Ghaziabad-201001** 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.

<b>Certificate No. / Date / Agency</b>		CALB 0178 dated 24.10.2016 of ICAT, Manesar, Gurgaon, Haryana			
<b>Vehicle Manufacturer</b>		M/s A.V. Automotives Pvt. Ltd., C-231, B.S. Road Industrial Area, Ghaziabad-201 001			
<b>Base Model</b>	<b>Type : E-Rickshaw</b>	<b>Seating Capacity (Incl. Driver)</b>	<b>GVW, kg</b>	<b>Wheel Base, mm</b>	<b>Max. Speed</b>
Diamond SHAKTI	Special Purpose Battery Operated Three Wheeler	5 persons	710 kg	2100 mm	18.08 kmph
<b>Traction Battery</b>					
<b>Make / Type</b>	<b>Model</b>	<b>Nominal Voltage</b>	<b>Maximum 30 minutes power</b>	<b>Capacity</b>	
M/s Exide Industries Ltd. / Lead Acid	Sonic Vaahak 12SV100L	48V (12 V x 4)	1.3 kwh	80 Ah	
<b>Traction Motor</b>					
<b>Type / Identification No.</b>	<b>Manufacturer</b>	<b>Net Power</b>	<b>Maximum 30 minutes speed</b>		
BLDC / SAEPL 48M	M/s Sachdeva Auto Engineers Pvt. Ltd., C-231, B.S. Road Industrial Area, Ghaziabad-201001	480 W	18.08 Kmph		
<b>Power Controller</b>					
<b>Identification No./ Type</b>	<b>Manufacturer</b>	<b>Importer</b>	<b>Voltage Range use</b>		
SAEPL 48C / PWM	M/s Sachdeva Auto Engineers Pvt. Ltd., C-231, B.S. Road Industrial Area, Ghaziabad-201001	--	42 V to 51 V		
<b>Tyre Size Designation and make (Tube/ Tube less Type)</b>	<b>Fr. &amp; Rr.</b>		<b>Make</b>		
	90/90-12, 54J		TVS srichakra		
<b>Overall dimensions</b>	<b>Overall Width (mm)</b>	<b>Overall length (mm)</b>	<b>Overall height (mm)</b>		
	998 mm	2760 mm	1740 mm		
<b>ICAT Case No.</b>	2016-096 (IOCS: 44768)				

18/1/2017

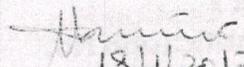
The testing agency ICAT Gurgaon has certified that the above base model comply with the provisions of the CMVR, 1989, as detailed at Annexure-I, IA & IB CALB 0178 dated 24.10.2016 including following requirements :-

Standards	Notification /Date	Effective from	Applicable CMVR
<b>E-Rickshaw</b> 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 "Diamond SHAKTI" E-Rickshaw manufactured by **M/s A.V. Automotives Pvt. Ltd., C-231, B.S. Road Industrial Area, Ghaziabad-201001** 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.

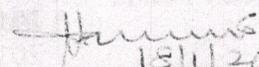
  
18/11/2017  
**(VIKAS JAIN)**  
**PCO (OPS-I)**

DC/OPS/TPT/819/2016/ 6245-48

Dated :23/01/2017

Copy forwarded for information and necessary action to:-

1. All MLOs / MLO (HQ)/CMVI / ARU (Burari)
2. M/s A.V. Automotives Pvt. Ltd., C-231, B.S. Road Industrial Area, Ghaziabad-201 001
3. Sr. System Analyst, Transport Department, Delhi.
4. Guard File

  
18/11/2017  
**(VIKAS JAIN)**  
**PCO (OPS-I)**