

**A A M B 0416**

**Date: 12<sup>th</sup> October 2017**

**CERTIFICATE**

Cert	Brief	Drg.	Total
2	11	3	16 Pgs

FOR  
TO THE CENTRAL MOTOR VEHICLES RULES.

1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documental verification/ necessary testing was carried out, on the following base model, submitted by the vehicle manufacturer referred below:

Documental Reference	Vehicle Manufacturer		
<b>Current Certificate</b>	<b>M/s. Ecoyan Electric Motor Vehicle Pvt. Ltd. 52, 4<sup>th</sup> cross, Huskur Road, Huskur Gate, Hosue Main Road, Electric City P.O., Bangalore – 560100.</b>		
Motor		Motor Manufacturer	
Model / Type	Power	<b>M/s. CHANGZHOU YUFENG VEHICLE CO.LTD.</b>	
<b>BLDC MONO MOTOR</b>	<b>1.5 kW @ 16 Kmph</b>		
Base Model	Type & Category	Seating Capacity (Incl. Driver)	GVW, kg.
<b>ECOYAN EA</b>	<b>E – Rickshaw Battery Operated Vehicle</b>	<b>5 Persons</b>	<b>730</b>

- 1a. Brief technical specifications (No. EEMVPL/EA/2017/02, EEMVPL/EA/2017/05) of the base model as declared by the vehicle manufacturer, are enclosed with this certificate. Detailed specifications (No. EEMVPL/EA/2017/01) of the base model are also separately issued to the vehicle manufacturer.
2. It is certified that the above base model complies with provisions of the Central Motor Vehicles Rules, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE-I):

Safety Standards	Notification	Date	Effective From	Applicable CMVR
- <b>Battery Operated Vehicle-Definition/ Tyres / Embossing of Motor Number etc.</b> - <b>Brakes/Lamps/ Category of vehicle/ Tyres/VIN Number/ Horn/ Other Safety Components</b>	<b>GSR 589(E)</b>	<b>16.09.2005</b>	<b>Notified dates</b>	<b>ANNEXURE- I</b>
	<b>GSR 784(E)</b>	<b>12.11.2008</b>		
	<b>GSR 291(E)</b>	<b>24.04.2014</b>		
	<b>GSR 709 (E)</b>	<b>08.10.2014</b>		
	<b>S.O. 2590(E)</b>	<b>08.10.2014</b>		

3. This Certificate is issued as per CMV Rule 126, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any rules other than those listed in ANNEXURE-I. Compliance to these rules has been verified based on the use of specific components/parts/assemblies etc. details of which are given in the detailed specifications duly endorsed by ARAI as mentioned at para. 1a above. It is the vehicle manufacturer's responsibility to ensure fitment of same components/parts/assemblies etc. before submission of the vehicle for registration.

Note : Refer overleaf for disclaimer.

AUTHORISED SIGNATORY



**A. A. BADUSHA**  
SR. DEPUTY DIRECTOR & HEAD  
HOMOLOGATION MANAGEMENT, REGULATION &  
VEHICLE EVALUATION, ARAI, PUNE.  
Place of Issue : Pune

AUTHORISED SIGNATORY



  
**K. SRINIVAS**  
SR. DEPUTY DIRECTOR  
EMISSION CERTIFICATION LAB.  
ARAI, PUNE.

**ANNEXURE-I**

To

CMVR CERTIFICATE No.

<b>A</b>	<b>A</b>	<b>M</b>	<b>B</b>	<b>0416</b>
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dated: 12<sup>th</sup> October 2017

Rule No	Sub Rules	Description			Standard No. & effective dt.		
2	(cb)	Definitions (Classification of the Vehicle)- E-Rickhsaw			AIS:053:2005	12.11.2008	
93	(1), (2) (viii), (4)(v), (6) & (7)	Overall dimension of motor vehicles			-----	-----	
94	(1), (2) & (3)	Condition of tyres			-----	-----	
95	(1), (2), (3), (4), (5) & (6) (i)	Size & Ply rating of tyres	Fr.: Rr.: 3.75*12 66J 6PR	Make: Qingdao Xiyingmen Double Camel Tyre Co. Ltd.	IS:15627-2005	01.04.2009	
96	(1), (2), (3), (4)(i), (5), (6), (7)(a) & (8)	Brakes			IS: 14664:1999	08.10.2014	
102	(1) & (2)	Signalling devices, direction indicators & stop lights			-----	-----	
103	(1) & (2)	Position of the indicator			-----	-----	
105	(1)(b), (3), (4) & (7)	Lamps			-----	-----	
108	(1)	Use of red or white lights			-----	-----	
110	---	Lamps three-wheelers			-----	-----	
111	---	Prohibition of spotlights etc.			-----	-----	
119	(1) & (2)	Horns	Performance	IS:1884-1993	18.03.1999	Limit	Measured Value
			Installation	IS:15796-2008	01.10.2014	83 dB (A) to 112 dB (A)	90.3 dB (A)
122	(1) & (2) Vehicle identification number including month and year of manufacture (VIN Number)	Embossment of the Chassis Number & Engine Number or Motor Number in case of battery operated vehicles and date of manufacture (Ref: Table No.11 of the Technical Specifications)			AIS:065:2005	01.04.2009	
124	(1) Safety standards of components as applicable as amended by S. O. 2590(E) dt. 08.10.2014	Sr. No.	Description				
		1.	Automobile Lamps		AIS-034/2004	08.10.2014	
		24.	Lighting and Light Signalling Devices	Installation	AIS-009/2001	08.10.2014	
				Performance	AIS-012/2004 / AIS-010/2004	08.10.2014	
		26.	Constructional and Functional Safety of BOV		AIS-038/2003	08.10.2014	
		29.	Measurement of Net Power & max. 30 min. Power & Speed		AIS-041/2003	08.10.2014	
		49.	Traction batteries used in battery operated vehicles		AIS-048-2009	08.10.2014	
		42.	Handholds		AIS:046-2009	08.10.2014	
43.	Wheel rims		AIS:073-2007	08.10.2014			

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