

C A M B 0162

AM-1354

Date: 17th July 2017

CERTIFICATE

Cert	Brief + Table 11 & 13	Drp	Total
2	08	04	14 Pgs

FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

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

Vehicle Manufacturer	M/s BENTINCK INDUSTRIES PRIVATE LIMITED JAJODIA MANSION, 5, BENTINCK STREET, KOLKATA -700 001		
Net Power	943 W	Make	M/s Exide Industries Ltd.
Max Speed	21.52 kmph	Battery Capacity	80 Ah
		Id / Model No.	12ERRED100L
Motor		Controller	
Identification no.	Manufacturer	Identification no.	Manufacturer
BIPM	M/s Qiangsheng Group Co. Ltd. Qianwang Town Xianghe country, Langfang city, Hebei Province, China	BIPC	M/s Qiangsheng Group Co. Ltd. Qianwang Town Xianghe country, Langfang city, Hebei Province, China
BASE MODEL	TYPE: E-Rickshaw	Seating Capacity (Incl. Driver)	GVW, kg
INDIAN BUGGY	Special Purpose Battery Operated Three Wheeler	5 Persons	720

Note: Seating Capacity (including driver) to be verified by RTO: At least @ 68 kg/person + 40 kg total luggage allowance.

- 1a. Brief technical specifications (No. BIPL 01 dt 20/04/2017), of the vehicle model as declared by the vehicle manufacturer, are enclosed with this certificate. Detailed specifications (No. BIPL 01 dt 20/04/2017), of the vehicle model, are also separately issued to the vehicle manufacturer.
2. This certificate is issued for the above base model, with compliance to additional provisions, including following requirements, (as detailed at ANNEXURE-I, IA& IB)

Standards	Notification	Date	Effective From	Applicable CMVR
E - Rickshaw	GSR 709 (E)	08.10.2014	08.10.2014	ANNEXURE-I ANNEXURE-IA ANNEXURE-IB
BoV / VIN / Brakes / Lamps/ Horn / Bulbs / Tyre/Lighting & light signaling devices /Traction Battery and other safety components	S.O. 2590 (E)	08.10.2014		
	S.O. 3090 (E)	08.12.2014		
	GSR 784(E)	12.11.2008		

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, IA& IB. 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 ICAT 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.

DISCLAIMER:

- ICAT issues "Type Approval Certificates" (TAC) for vehicles/ engines/gensets/ parts/ assemblies etc. based on the documents produced and/or prototype / vehicle(s) submitted by the applicant and testing thereof.
- ICAT issues TAC in compliance to Motor Vehicle Act/ Central Motor Vehicle Rules/ Central Pollution Control Board rules and their provisions as amended from time to time or any other statutory orders under which ICAT is authorized. Other Rules/Acts are outside the purview/scope of the TAC.
- Test(s) on prototype / parts carried out on the basis of standard procedures as notified under specific rules. Results of such tests are property of bearer of TAC. These results cannot be disclosed unless specifically ordered by Government, Court, etc.
- The bearer of the TAC is under the obligation to ensure production strictly as per the provisions of the specific TAC.
- ICAT is not responsible for testing each vehicle/ engines/gensets/ component/part/assemblies etc. for which TAC is issued. Further, ICAT is not responsible for ensuring manufacturing quality of the type approved vehicles/ engines/gensets/ components/ parts/ assemblies etc.
- ICAT is not responsible for any misuse or copying of any design/type/system in connection with entire vehicle/ engines/gensets/ components/parts and assemblies covered under the TAC.
- Breach of any statutory provision of Indian laws or laws of other countries, will be sole responsibility of the bearer of the TAC and ICAT shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ICAT in this regard.
- ICAT has the right, but not under obligation to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ICAT.

The appropriate local court at Gurugram shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate/report.

AUTHORISED SIGNATORIES,

 VIJAYANTA AHUJA Asst. GENERAL MANAGER		 DINESH TYAGI DIRECTOR	 Page 1 of 2
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Following rules are verified and found to be complying.

Rule No	Sub Rules	Description	Standard	
93	(1), (2), (4), (6) & (7)	Overall dimension of motor vehicles	---	
94	(1), (2) & (3)	Condition of tyres	---	
95	(1), (2), (3), (4), (5) & (6)	Size & Ply rating of tyres (Tube Type)	Fr & Rr :	
			Make:	
			90/90-12, 54 J	Agarwal, Speedways, Neel Kamal
3.00-12, 63B	Ralsan			
3.00-12, 60 J	Qingdao			
96	(1), (2), (3), (4)(i), (5), (6), (7)(a)	Brakes	IS:14664:1999	
99	---	Forward and backward motion	---	
102	(1) & (2)	Signalling devices, direction indicators & stop lights	---	
103	(1)	Position of the indicator	---	
104	(4)	Fitment of reflectors	AIS:057:2005	
105	(1)(b), (3), (4) & (7)	Lamps	---	
106	(1)	Deflection of lights	---	
108	(1)	Use of red or white lights	---	
109	---	Parking light	---	
110	---	Lamps three-wheelers	---	
111	---	Prohibition of spotlights etc.	---	
119	(1) & (2)	*Limit Measured 83 dB (A) to 96.3 dB (A)	Performance	IS:1884-1993
			Installation	IS:15796-2008
122	(1) & (2)	Embossment of the Chassis Number & Motor Number and date of manufacture (Ref: Table 11 of the Brief Technical Specifications)	---	
124	Refer ANNEXURE-IA	Safety standards of components as applicable	S.O. 2590 (E) dt. 08.10.2014	
125	(1) & (2)	Rear View Mirror	Specifications Installation	AIS:001/2001 AIS:002/2001

ANNEXURE-IA

Rule 124 Table B	Particulars	Test Standards	Compliance Verified
1.	Automobile Lamps	AIS:034/2004	✓
2.	Wheel Rims	AIS:073/2007	
3.	(a) Installation requirement for lighting and light signalling devices	AIS:009/2001	
	(b) Performance requirement of lighting, light signalling	AIS:010/2004	
4.	Constructional & Functional Safety of battery operated vehicle	AIS-038/2003	
5.	Measurement of Net Power & max. 30. min. Power & Speed for battery operated vehicles	AIS:041/2003	
6.	Traction batteries used in battery operated vehicles	AIS: 048/2009	
7.	Requirements of Handholds	AIS: 046/2008	

ANNEXURE-IB

CMV Rule	Compliance Verified for	Test Standards	Compliance Verified
2	Definition	AIS 053-2005	✓
95(1)	Size and Ply rating of Tyre	IS-15627-2005	
122(1)	Vehicle Identification Number including month and year of manufacture - VIN number	AIS-065-2005	
124(4)	The procedure for Type Approval and establishing Conformity of production for components	Tyres / Horn Bulb / Rear View Mirror	AIS-037-2004**
		Lighting and Light Signaling Devices / Retro - Reflectors	

**Compliance needs to be established for Type approval / Conformity of Production for components, listed in the notification.

ICAT Case No.	2016 - 1012 (IOCS: 49896)
Net Power Test Report Nos.	CT0PM 0338 dt. 12.06.2017
* Horn Installation Report No	CT0VM 0896 dt. 23.06.2017

AUTHORISED SIGNATORIES,

 VIJAYANTA AHUJA Asst. GENERAL MANAGER		 DINESH TYAGI DIRECTOR	Page 2 of 2
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