ICAT/BOV-0527/2022-23/R-1963 Date : 02nd September 2022

ICAT/BOV-0527/2022-23/R-1963

TEST REPORT

FOR

COMPLIANCE TO G.S.R 291 (E) dated 24.04.2014

1. Company and Vehicle base model details:

Documental Reference	Vehicle Manufacturer	
Current Document	M/s. Bidisha Automobiles	
Company Address	Plant Address	
815/727/175, Patharghata, Midnapore, West Medinipur, West Bengal, 721 101	815/727/175, Patharghata, Midnapore, West Medinipur, West Bengal, 721 101	
Base Model	Vehicle Description	Working Voltage (V)
BELUGA CRYSTAL	Two Wheeler Battery Operated Vehicle without Pedal Assistance	60

2. **Test Objective:**

To carry out testing/verification of battery operated two wheeler, having power less than 250W and speed less than 25 km/hr for exemption to be a motor vehicle, under CMVR vide GSR 291 (E) dated 24.04.2014.

3. **Observations & Test Results: (Refer ANNEXURE - I for photographs)**

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	20.8 kmph	✔
Max 30 min Power	< 250 W	145 W	
Unladen Weight (Without battery)	≤ 60 kg	54 kg	
Battery Type & Packs	-	Lead Acid & 05	
Fitment of reflector (Front/Rear)	Fr- White colour/Rr- Red colour	Fr- White colour/Rr- Red colour	
Suitable braking system	Fitted	Fr - Disc / Rr - Drum	

Description	Make	Model / Part Id
Motor	M/s. Bidisha Automobiles	BARM
Controller	M/s. Bidisha Automobiles	BARC
Battery	M/s. Bidisha Automobiles	BDAR60
Charger	M/s. Bidisha Automobiles	60V24AH

4. **Conclusion:**

The vehicle model mentioned in clause 1 above does not deem to be a motor vehicle and complies(y) to CMVR requirements as per the exemption criteria specified in GSR 291 (E) dated 24.04.2014.

Power Test Report No.	CT0PR 0776 dt. 20.06.2022	
ICAT Ref No.	2022-0528 (IOCS NO. 159036)	Please turn over for DISCLAIMER

AUTHORISED SIGNATORY

VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY ICAT Innovation • Service • Excellence MANESAR	PAMELA TIKKU DIRECTOR (Offg.)	Page 1 of 2

M/s. Bidisha Automobiles BELUGA CRYSTAL