



ICAT/BOV-1951/2022-23/S-0331

Date : 21st February 2023

ICAT/BOV-1951/2022-23/S-0331

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. STRYDER CYCLE PRIVATE LIMITED	
Company Address		Plant Address
Nahar Industrial Enterprises Ltd, Plot No. B-3 to B-8, A-4, Focal Point, Nahar Industrial Enterprises Ltd, Property No. 1838, Ludhiana, Ludhiana, Punjab, 141010		Nahar Industrial Enterprises Ltd, Plot No. B-3 to B-8, A-4, Focal Point, Nahar Industrial Enterprises Ltd, Property No. 1838, Ludhiana, Ludhiana, Punjab, 141010
Base Model	Vehicle Description	Nominal Voltage (V)
ZEETA	Two Wheeler Battery Operated Vehicle with Pedal Assistance	36

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	21.1 kmph	✓
Max 30 min Power	< 250 W	214 W	
Unladen Weight (Without battery)	≤ 60 kg	19 kg	
Battery Type & Packs	-	Lithium ion & 01	
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. TRU E Bikes Pvt. Ltd.	36V 250W	
Controller	M/s. Synergy Intact Pvt. Ltd.	CZFD002PRO	
Battery	M/s. TRU E Bikes Pvt. Ltd.	36V 5.2A	
Charger	M/s. TRU E Bikes Pvt. Ltd.	EVC3620A	

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.	CTOPS 0307 dt. 14.02.2023	
ICAT Ref No.	2022-1951 (IOCS NO. 164636)	Please turn over for DISCLAIMER
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