



ICAT/BOV-0431/2022-23/R-2601

Date : 11th October 2022

ICAT/BOV-0431/2022-23/R-2601

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. Adhunik EV India Private Limited	
Company Address	Plant Address	
D.12, Sector 10, Noida, Gautam Buddha Nagar, Uttar Pradesh, 201 301	D.12, Sector 10, Noida, Gautam Buddha Nagar, Uttar Pradesh, 201 301	
Base Model	Vehicle Description	Nominal Voltage (V)
TEJAS	Two Wheeler Battery Operated Vehicle without Pedal Assistance	48

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	12 kmph	✓
Max 30 min Power	< 250 W	147 W	
Unladen Weight (Without battery)	≤ 60 kg	58 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. Adhunik EV India Pvt. Ltd.	M21BI08F	
Controller	M/s. Adhunik EV India Pvt. Ltd.	AEIC048	
Battery	M/s. Adhunik EV	AEIB060	
Charger	M/s. Adhunik EV India Pvt. Ltd.	AEICH060	

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.	CTOPR 0774 dt. 20.06.2022	
ICAT Ref No.	2022-0431 (IOCS NO, 158534)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	 PAMELA TIKKU DIRECTOR (Offg.)	 Page 1 of 2