



ICAT/BOV-0240/2022-23/R-2179

Date : 05th August 2022

ICAT/BOV-0240/2022-23/R-2179

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. Railies Moto Private Limited	
Company Address		Plant Address
Plot No.35, M/s Railies World, Industrial Estate, Rajnandgaon, Chhattisgarh, 491 441		Village - Ghordha, Rajnandgaon, Chhattisgarh, 491 441
Base Model	Vehicle Description	Working Voltage (V)
E-JACO ZOE	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	18.9 kmph	✓
Max 30 min Power	< 250 W	136 W	
Unladen Weight (Without battery)	≤ 60 kg	56 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. Railies Moto Private Limited	RM60V250	
Controller	M/s. Railies Moto Private Limited	RC60V250	
Battery	M/s. Tunwal E Vehicle	6-DZF-28	
Charger	M/s. IPower	C600M-IPLi16S6A	

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 0806 dt. 24.06.2022	
ICAT Ref No.	2022-0240 (IOCS NO. 158206)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		PAMELA TIKKU DIRECTOR (Offg.)
		
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