



ICAT/BOV-0708/2022-23/R-2764

Date : 09th November 2022

ICAT/BOV-0708/2022-23/R-2764

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. Ignitron Motocorp Private Limited	
Company Address		Plant Address
Unit No 615, 6 th Floor, ILD Trade Tower, Sohna Road, Sector-47, Gurugram, Haryana, 122 018		Plot Mustil No. 17, Khasra No. 19/3, 40 Mile Stone, N.H. 8. Near Bedi Farm House Narsinghpur, Gurugram, Haryana, 122 004
Base Model	Vehicle Description	Nominal Voltage (V)
McAir	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	22.5 kmph	✓
Max 30 min Power	< 250 W	161 W	
Unladen Weight (Without battery)	≤ 60 kg	56 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. Ignitron Motocorp Pvt. Ltd.	IM60V250W	
Controller	M/s. Ignitron Motocorp Pvt. Ltd.	ZWK048060032A	
Battery	M/s. IPower	Li6029	
Charger	M/s. IPower	G600-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 0878 dt. 13.07.2022	
ICAT Ref No.	2022-0708 (IOCS NO. 159639)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		 PAMELA TIKKU DIRECTOR (Offg.)
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		 Page 1 of 2