



ICAT/BOV-0700/2022-23/R-2193

Date : 12th August 2022

ICAT/BOV-0700/2022-23/R-2193

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. Subhas Automotive Private Limited | |
| Company Address | | Plant Address |
| Near Gieras Showroom, No.2/3, 6th Corss, Mysore Road, Old Guddadahalli, Bengaluru Urban, Karnataka, 560 026 | | 48 to 54, 2nd Cross, Sri Vaishnodevi Indl. Estate, Kumbalgodu, Bengaluru Urban, Karnataka, 560 074 |
| Base Model | Vehicle Description | Working Voltage (V) |
| GARUDA | 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 | 17.3 kmph | P |
| Max 30 min Power | < 250 W | 102 W | |
| Unladen Weight (Without batter | ≤ 60 kg | 60 kg | |
| Battery Type & Packs | - | Lithium ion & 01 | |
| Fitment of reflector (Front) | White colour | White colour | |
| Fitment of reflector (Rear) | Red colour | Red colour | |
| Suitable braking system | Fitted | Fitted | |
| Description | Make | Model / Part Id | |
| Motor | M/s. Mizuki | 48V | |
| Controller | M/s. Subhas Automotive Pvt. Ltd. | SAPL22-0001 | |

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.

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|--|---|---------------------------------|
| Power Test Report No. | CTOPR 0917 dt. 25.07.2022 | |
| ICAT Ref No. | 2022-0700 (IOCS NO. 159561) | Please turn over for DISCLAIMER |
| AUTHORISED SIGNATORY | | |
| | | |
| VIJAYANTA AHUJA DEPUTY GENERAL MANAGER | PAMELA TIKKU DIRECTOR (Offg.) | Page 1 of 2 |