



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

Date : 12th August 2022

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 Girias 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 | ✓ |
| Max 30 min Power | < 250 W | 102 W | |
| Unladen Weight (Without battery) | ≤ 60 kg | 60 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. Mizuki | 202111YW5093 | |
| Controller | M/s. Subhas Automotive Pvt. Ltd. | SAPL22-0001 | |
| Battery | M/s. Battery Bulls | BBCK202202584 | |
| Charger | M/s. Nuteck | ECO EV600-60 | |

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. | CT0PR 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 |