



ICAT/BOV-0374/2022-23/R-2283

Date : 07<sup>th</sup> September 2022

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# 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. Shree Maa Motors Private Limited                         |  |
| Company Address  |   | Plant Address  |
| Ward No 25, Plot No 150, Shyam Nagar, Chirawa, Jhunjhunu, Rajasthan, 333 026 |   | Ward No 25, Plot No 150, Shyam Nagar, Chirawa, Jhunjhunu, Rajasthan, 333 026 |
| Base Model   | Vehicle Description   | Nominal Voltage (V)  |
| RADA RUKMNI  | 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                             | 21.8 kmph                       | ✓                   |
| Max 30 min Power                  | < 250 W                               | 154 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. Shree Maa Motors Private Limited | SMMM                            |                     |
| Controller                        | M/s. Shree Maa Motors Private Limited | SMMCT-48-250W                   |                     |
| Battery                           | M/s. Shree Maa Motors Private Limited | SMMPL-48V-25AH                  |                     |
| Charger                           | M/s. Shree Maa Motors Private Limited | SMMPL/EVC/2WC/3WC               |                     |

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 0846 dt. 05.07.2022   |  |
| ICAT Ref No.  | 2022-0374 (IOCS NO. 158160) | Please turn over for DISCLAIMER  |
| <b>AUTHORISED SIGNATORY</b>   |                             |  |
|  |                             |                 |
| <b>VIJAYANTA AHUJA</b><br>DEPUTY GENERAL MANAGER                                    |                             | <b>PAMELA TIKKU</b><br>DIRECTOR (Offg.)  |
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