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VOLTRIDE
TECHNOLOGIES PRIVATE LIMITED

CIN: U34100KA2024PTC189402 · GSTIN: 29AAACV1290K1Z5

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Ref: **VLT/HOM/2026-10/0842**

Date: **October 7, 2026**

Directorate of Vehicle Homologation & Safety Compliance
Automotive Research Association of India (ARAI)
Survey No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune, Maharashtra 411038

SUBJECT: Compliance Notification: Voltride Arc & Pulse Battery Management System (BMS) Firmware v4.2.0 Rollout

We write to formally submit the technical compliance dossier for our upcoming over-the-air firmware release (VoltOS v4.2.0) across the Voltride Arc and Pulse electric two-wheeler platforms, in adherence to AIS-156 Amendment 3 standards.

The update incorporates an advanced thermal threshold calibration that prevents rapid cell stress during ambient operating conditions exceeding 42°C, while preserving our advertised 110 km RealRange baseline. Per-cell telemetry validation over 180,000 cumulative fleet test kilometres indicates zero micro-short anomalies across all 20S2P pack configurations.

Furthermore, all vehicle-to-cloud diagnostic handshakes remain fully encrypted over TLS 1.3 via onboard dual CAN 2.0B microcontrollers, ensuring strict isolation between user telematics and powertrain actuation nodes. Detailed laboratory test logs and cold-cell recovery analyses are enclosed herein.

We remain at your service should additional bench evaluations or physical chassis inspections at our Bengaluru R&D facility be requested.

Yours faithfully,
For Voltride Technologies Private Limited

Vikramaditya Sen

Vikramaditya Sen
Founder & Chief Executive Officer

Stationery Printing & Electronic Specifications

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