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|  | Total Quality Management System Procedures | | Document No: | Issue No: Revision No: 1 0 |
| | UN38.3 Lithium Test Summary | | | |
| Created on: 18 th December 2019 | Date of Revision: 18 th December 2019 | | Designed by: Paul Stirling | Page No 1 of 1 |
| Amendment Reference No: | Change Approved by: | | | |

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|--|---|------------|----------------------|
| Electric Mobility UN38.3 Test Summary | | | |
| The following document contains a test summary for Lithium Cells or Batteries in Accordance with sub-section 38.3 of the UN Manual of Tests and Criteria | | | |
| Product Manufacturer | PMBL Limited Unit D Leach Road Chard Business Park Chard Somerset, UK TA20 1FA | Telephone: | 01460 66366 |
| | | Email: | batteries@pmbL.co.uk |
| | | Web: | www.pmbL.co.uk |

PMBL Limited products that are manufactured from Lithium Cells have been successfully tested and comply with sub-section 38.3 of the UN Manual of Tests and Criteria.


| Performed Tests* | | | |
|------------------|----------|------------------------|---------|
| Test No | Test Ref | Test Description | Results |
| 38.3.4.1 | T1 | Altitude Simulation | Pass |
| 38.3.4.2 | T2 | Thermal Test | Pass |
| 38.3.4.3 | T3 | Vibration | Pass |
| 38.3.4.4 | T4 | Shock | Pass |
| 38.3.4.5 | T5 | External Short Circuit | Pass |
| 38.3.4.6 | T6 | Impact / Crush | Pass |
| 38.3.4.7 | T7 | Overcharge | Pass |
| 38.3.4.8 | T8 | Forced Discharge | Pass |

The UN38.3 tests were performed by one of the following test houses and were tested to the UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments

**Any tests that have been identified on the main UN38.3 test reports as being "Not Applicable" for that report is referenced on the Product Test Information Sheet (Page 2 onwards)*

| Test House Ref | Company Name | Address & Contact Details |
|----------------|---|--|
| A1 | Shangdong Tian Han New Energy Technology Co Ltd | No 630 Fuyuan 5 th Road, Lithium Battery Industrial Park High-tech Zone Zaozhuang City, Shangdong Province |

| Product Test Information (Wh = Nv x Cap) | | | | | | | | | | |
|--|-----------|--------------------|----------|-------------|--------------------|------------|---------------------|------------------|------|-----------|
| Model Number | Chemistry | Description | Mass (g) | Rating (Wh) | Test Report Number | Test House | Test Not Applicable | Test Report Date | MSDS | Drop Test |
| Electric Mobility 25 | LiFePO4 | Battery 25.6V 25Ah | 5900 | 640 | UNWT(2023)12069G | A1 | | 01.12.2023 | N | N |

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| Signature |  | Position | Quality Control Manager |
| Print | Paul Stirling | Date | 23 January 2024 |