# UN 38.3 Test Summary

## RIDGID CATALOG #:
- 64143, 64153, 56513, 65178, 64163

## RIDGID Model number/s:
- RB-1825 (18V 2.5Ah)

## Physical Description of the Cell/battery:
- Li-ion Rechargeable Battery Pack

## Lithium Ion/ Lithium metal cell/ or Battery?
- Lithium Ion

## Rated Capacity (Wh)/ or Lithium Content
- 45Wh

## Mass:
- 450g

## RIDGID Contact Information:
- Ridge Tool Company
- 400 Clark Street
- Elyria, Ohio 44035-6001
- 1-800-519-3456 (8:00 am – 5:00 pm EST, M-F)
- RTCCustomerService@emerson.com
- www.RIDGID.com

## Test Laboratory Contact Information:
- Shanghai Research Institute Chemical Industry
- No 345 East Yungling Road
- 200062 Shanghai, P.R. China
- (021)31765555
- zmh@ghs.cn
- www.ghs.cn

## Test Report ID:
- 1118110175

## Date of Report:
- 01/18/2019 - 02/25/2019

## Lists of Tests Conducted

<table>
<thead>
<tr>
<th>Test Standard</th>
<th>Results: Pass/ Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>T.1 Altitude Simulation</td>
<td>UN38.3.4.1</td>
</tr>
<tr>
<td>T.2 Thermal</td>
<td>UN38.3.4.2</td>
</tr>
<tr>
<td>T.3 Vibration</td>
<td>UN38.3.4.3</td>
</tr>
<tr>
<td>T.4 Shock</td>
<td>UN38.3.4.4</td>
</tr>
<tr>
<td>T.5 External Short Circuit</td>
<td>UN38.3.4.5</td>
</tr>
<tr>
<td>T.6 Impact/ Crush</td>
<td>UN38.3.4.6</td>
</tr>
<tr>
<td>T.7 Overcharge</td>
<td>UN38.3.4.7</td>
</tr>
<tr>
<td>T.8 Forced Discharge</td>
<td>UN38.3.4.8</td>
</tr>
</tbody>
</table>

## Assembled Battery Testing

<table>
<thead>
<tr>
<th>Test Reference: UN Manual of tests and Criteria ST/SG/AC.10/11/Rev.6 38.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Put a check mark where applicable.</td>
</tr>
<tr>
<td>Assembled Battery Testing</td>
</tr>
<tr>
<td>Not Applicable</td>
</tr>
<tr>
<td>UN38.3.3 (f)</td>
</tr>
<tr>
<td>UN38.3.3 (g)</td>
</tr>
</tbody>
</table>

## Name
- James E. Hamm

## Title
- Director, Product Safety & Regulatory Compliance

## Signature
- [Signature]

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