



## Declaration of Conformance – Test Summary per UN38.3.5

### **Manufacturer:**

Inspired Energy, LLC.  
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### **Test Laboratory:**

Inspired Energy, LLC.  
25440 NW 8th Place Newberry, FL 32669 USA  
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**Test Report Number:** 200412211

**Date of Test Report:** Dec 21, 2004

### **Description of Battery:**

Rechargeable Lithium Ion Battery containing 3 Moli ICR18650J 2.4Ah cells in 3S1P configuration  
184g, 10.8V, 2.4Ah, 26Wh

**Model Number of Battery Tested:** NC2040HD24

**Other Model Numbers Covered:** NC2040, NC2040XX, NC2040A24, NC2040XX24, where XX can be any two letters.

### **Tests Conducted and Results:**

| Test # | Description                        | Date Tested  | Test result |
|--------|------------------------------------|--------------|-------------|
| T1     | Altitude Simulation                | Jun 15, 2004 | PASSED      |
| T2     | Thermal Cycling                    | Jun 15, 2004 | PASSED      |
| T3     | Vibration                          | Sept 1, 2004 | PASSED      |
| T4     | Shock                              | Sept 7, 2004 | PASSED      |
| T5     | Short Circuit                      | Nov 8, 2004  | PASSED      |
| T6     | Impact (Cell-Level test)           | Jul 2, 2003  | PASSED      |
| T7     | Overcharge                         | Nov 15, 2004 | PASSED      |
| T8     | Forced Discharge (Cell-level test) | Jul 2, 2003  | PASSED      |

**Assembled Battery Test Requirements [38.3.3 (f) and 38.3.3 (g)]:** N/A

### **Standard:**

ST/SG/AC.10/11/Rev.3/Amend.1 United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria Third revised edition Amendment 1 Part III, sub-section 38.3

**Product Test Lab Manager:** David W. Hellriegel

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