



Air Travel with Dive Rite Lights Containing Lithium-Ion Batteries

Dive Rite uses Lithium-Ion rechargeable batteries in most of its lights. All lithium-ion batteries used are within safe airline limits for capacity and lithium metal content.

Light Models:

BX2 – contains one (1) protected 3400mah 18650 rechargeable Li-Ion battery (12.6 Wh)

LX20/HP50 Handheld – Contains four (4) individual protected 3400mah 18650 Li-Ion batteries (12.6 Wh per battery)

LX25/HP50 with Slimline Battery Canister – Canister contains two (2) individual 50Wh Li-Ion rechargeable battery packs*

LX25/HP50 with Expedition Battery Canister – Canister contains three (3) individual 50Wh Li-Ion rechargeable battery packs*

*Note: Individual battery packs inside the battery canisters are wired separately and are not connected together until the canister lid is installed in the active position. Packs remain disconnected from each other when the lid is removed or is installed in the travel position.

All Dive Rite lithium-ion battery packs produced after June 16, 2017 are UN38.3 test compliant and are safe for air transport.

TEST VERIFICATION OF CONFORMANCE

TEST METHOD: UN Manual of Tests and Criteria "Recommendations on the Transport of Dangerous Goods," section 38.3
"Lithium Batteries"

Document number ST/SG/AC.10/11/Rev.6
Revision #: 6th Edition
Effective Date: 2017

SAMPLE DESCRIPTION: Sixteen (16) RP9742-LG-4.2 Lithium-ion Battery Packs

MANUFACTURER: Lamartek, Inc.

MODEL NUMBER: RP9742-LG-4.2

RATINGS: 14.52V, 3500mAh

SPECIFICATION SECTIONS T1 through T5:

Eight (8) RP9742-LG-4.2 Lithium-ion Battery Packs, sample numbers:

- | | |
|---------|-----------|
| 1 Cycle | 50 Cycles |
| ▪ SN 1 | ▪ SN 5 |
| ▪ SN 2 | ▪ SN 6 |
| ▪ SN 3 | ▪ SN 7 |
| ▪ SN 4 | ▪ SN 8 |

SPECIFICATION SECTION T7:

Eight (8) RP9742-LG-4.2 Lithium-ion Battery Packs, sample numbers:

- | | |
|---------|-----------|
| 1 Cycle | 50 Cycles |
| ▪ SN 9 | ▪ SN 13 |
| ▪ SN 10 | ▪ SN 14 |
| ▪ SN 11 | ▪ SN 15 |
| ▪ SN 12 | ▪ SN 16 |

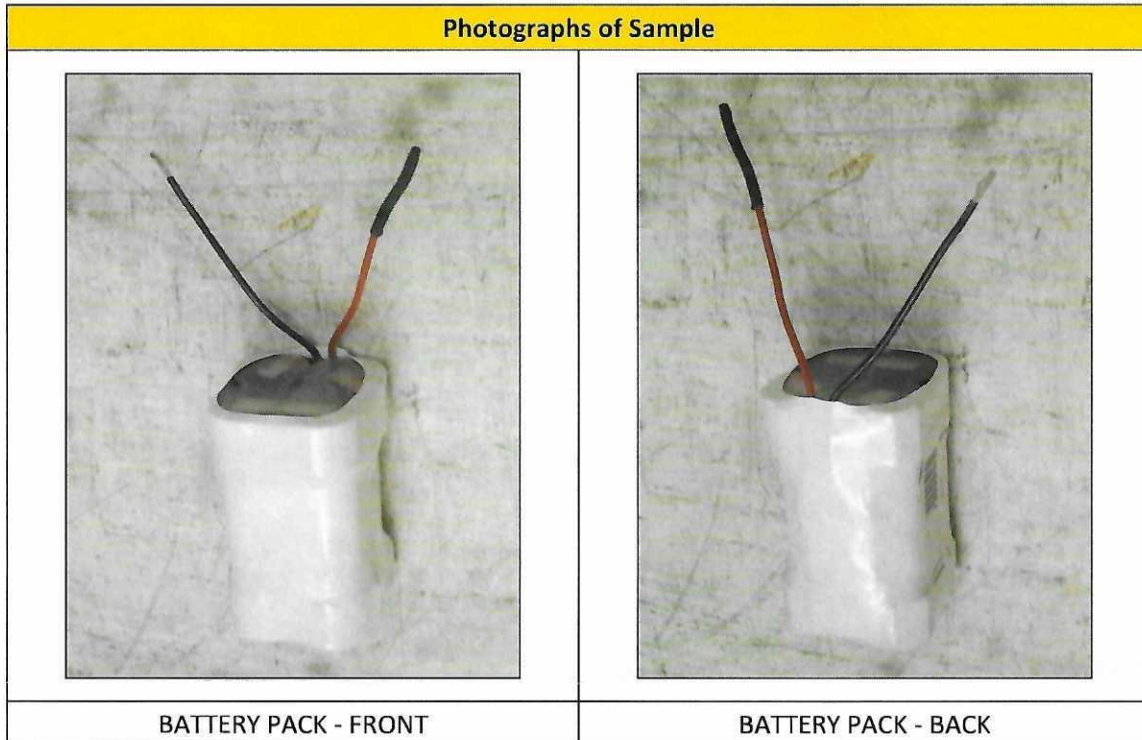
Condition of Test Sample: Production.

DATE RECEIVED: 05/01/2017

DATES TESTED: 05/03/2017 through 05/31/2017

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TEST VERIFICATION OF CONFORMANCE (cont'd)



RESULT SUMMARY: The tested samples met the test requirements. See below breakout for tests performed.

| Specification Section | Test Description | Results |
|-----------------------|------------------------|----------|
| T1 | Altitude Simulation | Conforms |
| T2 | Thermal Test | Conforms |
| T3 | Vibration | Conforms |
| T4 | Shock | Conforms |
| T5 | External Short Circuit | Conforms |
| T7 | Overcharge | Conforms |

Scott Souter

Kirk Palmer

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|------------------------------|-----------------------------------|
| Scott Souter | Kirk Palmer |
| Associate Engineer | Engineering Team Leader – Battery |
| June 16, 2017 | |
| Report No.: 102839348DET-002 | |

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