



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

September 18, 2026

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 22159
(FIRST REVISION)

EXPIRATION DATE: 2028-07-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Americase, LLC
Waxahachie, TX
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the manufacture, mark, sale and use of UN specification 50B and 50A Large Packagings that are intended to contain multiple lithium ion batteries. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
 - c. In accordance with 49 CFR 107.107(a) party status may not be granted to a manufacturing permit. These packagings may be used in accordance with 49 CFR 173.22a.
 - d. This special permit serves as an “exemption” under Chapter 7.9, Section 7.9.1 of the IMDG Code (see IMO MSC/Circ. 1075-Granting Exemptions from the Provisions of the IMDG Code) and as a “Competent Authority Approval” as defined under 49 CFR § 107.1.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171- 180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.185(b)(6) in that more than one battery is authorized per Large Packaging, as specified herein.
5. BASIS: This special permit is based on the application of Americase, LLC dated December 9, 2025, submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated August 6, 2026.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Lithium ion batteries	9	UN3480	N/A

7. SAFETY CONTROL MEASURES:
- a. PACKAGING: Prescribed packagings are UN specification 50A and 50B Large Packagings that have been constructed, tested, and certified to the Packing Group I performance criteria. Additionally,
- (1) Each Large Packaging must be equipped with individual slots where each slot will contain one battery (i.e., one server Backup Battery Unit).
 - (2) Each slot must be constructed using non-conductive material and batteries within each slot must be in constant contact with an electrostatic dissipative material of adequate strength for the intended use
 - (3) The maximum volume of a large packaging may not exceed three (3) cubic meters.
 - (4) The aggregate gross weight of a large package may not exceed the gross weight for which the design type of large package has been tested.
- b. TESTING:
- (1) Each lithium battery, and each lithium cell comprising the batteries, must be of a type that have passed all required tests as specified in the applicable revision of the “UN Manual of Tests and Criteria”.

(2) The UN 50A and 50B Large Packagings must be of a design that has been tested and passed the tests in Subpart Q in Part 178 at the Packing Group I performance level.

c. OPERATIONAL CONTROLS:

(1) Prior to use of this permit, a Large Packaging design must be tested and shown to be capable of containing a thermal runaway event of the proposed contents in accordance with the following criteria:

- (i) No flames exit the package;
- (ii) No projectiles exit the package; and
- (iii) The surface temperature of the outside of the package will not exceed 100 °C, except that a momentary spike up to 200 °C is acceptable.
- (iv) Test reports shall be retained in accordance with the chart § 178.955(j)(1) of the HMR.

(2) All batteries within the packaging must be protected against short-circuiting and movement during transportation.

(3) Damaged, defective, or recalled lithium ion cells or batteries are not authorized to be offered for or transported under the terms of this special permit.

(4) The UN certification report and the report for the battery fire testing described in paragraph 7.c.(1) above for the each Large Packaging design manufactured in accordance with this Special Permit shall be submitted to OHMS and approved prior to initial use.

d. MARKING REQUIREMENTS: Each package, and overpack if used, prepared under the provisions of this special permit must be plainly marked with the special permit number: "DOT-SP 22159."

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit, but receives a packaging covered by this special permit, may reoffer it for transportation provided no modification

or change is made to the packaging and it is offered for transportation in conformance with this special permit and the HMR.

- c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
 - d. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Safety for a specific manufacturing facility.
 - e. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, and cargo vessel.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this special permit.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) — “The Hazardous Materials Safety and Security Reauthorization Act of 2005” (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term “exemption” to “special permit” and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. **REPORTING REQUIREMENTS:** Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for William Quade
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, East Building PHH-6, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at <https://www.phmsa.dot.gov/approvals-and-permits/hazmat/special-permits-search>. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: ae