



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety  
Administration**

**October 04, 2024**

1200 New Jersey Avenue, SE  
Washington, DC 20590

DOT-SP 21383  
(FIRST REVISION)

**EXPIRATION DATE: 2028-09-30**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Emergency Environmental Services, LLC  
Mesa, AZ
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of damaged lithium ion batteries for disposal and/or recycling. 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 the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
  - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.185(f)(1) in that each battery must be individually packaged within the completed package, except as provided herein.
5. BASIS: This special permit is based on the application of Emergency Environmental Services, LLC dated September 9, 2024, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Lithium ion batteries <i>including lithium ion polymer batteries</i>	9	UN3480	N/A

7. SAFETY CONTROL MEASURES:a. PACKAGING:

(1) Inner packaging - each of the exposed terminals of damaged batteries and cells must be electrical or duct taped to prevent short-circuiting and metallic contact. The electrical and duct taped batteries and cells must be individually placed in a polyethylene bag or sheeting that completely encloses the battery or cell.

(2) Outer packaging – the prescribed outer packaging is wooden crates or specialized coffins rated to PG I performance. Packaging is as follows:

(i) Each outer packaging must have in the bottom approximately 3 inches of fire suppressant (term used hereafter in lieu of the registered trademark as provided in the May 25, 2022, application on file with the Office of Hazardous Materials Safety), a noncombustible, electrically non-conductive, absorbent with heat and fire suppression properties.

(ii) The inner packaging must be placed in the outer packaging with a minimum of two inches space between each cell and battery and surrounded by the fire suppressant to ensure that all voids between cells or batteries are filled. The distance between the wall of the outer packaging and the batteries and cells must be a minimum of two inches.

(iii) Prior to closing the outer packaging, approximately 3 inches of the fire suppressant must be loose-filled over the last cell or battery at the top of each outer packaging.

(3) The individual outer packagings must then be loaded onto a trailer and secured to prevent movement.

(4) The confined spaces in the trailer transporting the damaged batteries or cells must have adequate ventilation to prevent accumulation of gases from the outer packaging by having an air exchange rate of at least six times per hour.

(5) The net weight of batteries within a trailer may not exceed 40,000 pounds (18,144 kg).

b. OPERATIONAL CONTROLS:

(1) Each transport vehicle must have emergency standard operating procedures for the driver to include emergency contacts for company and exclusion zone establishment in the event of an incident including a thermal runaway or fire.

(2) Shipments are to not extend past flatbed trailer decks in any fashion.

(3) The dedicated vehicles transporting the batteries or cells must be directly driven from a site where damaged batteries and cells reside to disposal or recycling facilities.

(4) The drivers must be briefed on the safety issues associated with the damaged batteries or cells.

c. MARKING: Each package covered under the terms of this special permit must be durably and legibly marked and displayed on a background of contrasting color with the following:

(1) “DOT-SP 21383”.

(2) The words: “Batteries for Recycling or Disposal: Contains Damaged Lithium Batteries - FOR HIGHWAY TRANSPORT ONLY - FORBIDDEN FOR TRANSPORTATION BY AIRCRAFT OR VESSEL” in letters at least 12 mm in height.

(3) The lithium battery mark in 49 CFR 173.185(c)(3)(i) on the outside of each outer packaging.

(4) An emergency response telephone number in case of damage to the packaging or contents.

(5) Vehicles transporting the items described in Section 7.a. must display the Class 9 placard marked with the applicable UN identification number.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each 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 Schoonover  
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-13, 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: Steve H/Casey Chambers