



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

July 18, 2025

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21992

EXPIRATION DATE: 2027-05-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Tesla, Inc.
Austin, TX
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce by motor vehicle and rail freight of lithium cells packaged within a UN50H rigid plastic Large Packaging. 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(b) in that lithium ion cells may be packaged within a UN50H rigid plastic Large Packaging and § 173.185(b)(3)(i) in that lithium ion cells need not be placed in non-metallic inner packaging that completely encloses the cells, as provided herein.
5. BASIS: This special permit is based on the application of Tesla, Inc. dated April 8, 2025, submitted in accordance with § 107.105 and the public proceeding thereon and additional information submitted on April 15, 2025.

Tracking Number: 2025044393

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: Cells must be placed in non-metallic inner packagings that separate the cells, as specified in the application dated April 8, 2025, and on file with the Office of Hazardous Materials Safety (OHMS), by use of the packaging design.
- (2) Outer packaging: Prescribed packagings are UN50H rigid plastic Large Packagings, as specified in the application dated April 8, 2025, and on file with the OHMS.
- (3) The completed packages may be stacked when transported by rail not to exceed the superimposed weight that was tested to withstand the gross weight that was directly superimposed for the stack test.
- (4) The gross weight of a completed package may not exceed that specified in the application dated April 8, 2025, and on file with the OHMS.

b. TESTING:

- (1) All lithium ion cells must be of a type that have passed all required tests as specified in the revision of the "UN Manual of Tests and Criteria" specified in the additional information submitted on April 15, 2025, and on file with the OHMS.
- (2) The UN50H rigid plastic Large Packaging must have been tested and passed the tests in Subpart Q in Part 178 at the Packing Group II performance level for a rigid plastic Large Packaging as specified in the application dated April 8, 2025, and on file with the OHMS. Additionally, the UN50H rigid plastic Large Packaging must conform to and be certified as meeting the specification for

a UN50H rigid plastic Large Packaging in Subpart P of Part 178 at the Packing Group II performance level.

(3) A cell or packaging type that has not passed these tests is not authorized to be offered for or transported under the terms of this special permit.

c. OPERATIONAL CONTROLS:

(1) Each cell within the packaging must be protected against short-circuiting, accidental activation, and vibrations during transportation.

(2) Cells that are leaking or liable to rapidly disassemble, dangerously react, produce a flame or a dangerous evolution of heat or a dangerous emission of toxic, corrosive, or flammable gases, or vapors under normal conditions of transport are not authorized for transportation under this special permit. Damaged, defective, or recycled cells are not authorized for transportation under this special permit.

(3) The lithium ion cells authorized under this special permit are limited to those specified in the additional information submitted on April 15, 2025, and on file with the OHMS.

(4) No more than the number of cells specified in the application dated April 8, 2025, and on file with the OHMS are permitted to be packaged within each UN50H rigid plastic Large Packaging.

(5) The trays shall not be supported by the cells and the cells shall be separated to prevent movement within the package, contact with other cells, and any loads from superimposed weight within the package.

d. MARKING: 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 21992.

8. SPECIAL PROVISIONS:

a. Under the terms of this special permit, the grantee may only offer hazardous materials (i.e., the grantee is not authorized as a carrier).

b. 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 and it is reoffered 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.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and rail freight.
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.:

A handwritten signature in blue ink, appearing to read "William Quade", is written over a faint circular stamp.

for William Quade
Acting 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: CB/BM