



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

September 11, 2025

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 22036

EXPIRATION DATE: 2027-08-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Porsche Logistik GmbH
Sachsenheim, Germany

U.S. AGENT: Porsche Cars North America
Atlanta, GA

2. PURPOSE AND LIMITATION:

a. This special permit authorizes the transportation in commerce of lithium ion batteries each with a mass exceeding 35 kg net weight per package aboard cargo-only aircraft. This special permit provides no relief from the Hazardous Materials Regulations (HMR) or the International Civil Aviation Organization's Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO TI) 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.

d. This special permit serves as an approval under Special Provision A99 of the ICAO TI 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.

Tracking Number: 2025055140

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101 Hazardous Materials Table Column (9B) in that lithium batteries may have a mass exceeding 35 kg per package, as provided herein; § 173.185(b)(6) in that transportation aboard cargo-only aircraft is authorized, as provided herein; and § 173.185(a)(1) in that certain lithium ion modules have been subjected to the tests and meet the criteria in part III, subsection 38.3 of the UN Manual of Tests and Criteria, 8th Revised Edition.
5. BASIS: This special permit is based on the applications of Porsche Logistik GmbH dated May 14, 2025, and May 27, 2025, submitted in accordance with § 107.105 and the public proceeding thereon.
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 battery must be placed in a non-metallic inner packaging that completely encloses the battery.

(2) Outer Packaging:

(i) For the Taycan J1PA, (DHG model: 9J1.915) battery, the inner packaging must be placed in a UN Standard UN50D Large Packaging that is tested and certified as meeting the Packing Group II level and rated to a gross weight of at least 800 kg (1,763.7 pounds). The battery must be packaged as described in the May 14, 2025, application on file the Office of Hazardous Materials Safety (OHMS).

(ii) For the Macan H2 BEV, (DHG model: 0Z3.915.913) battery, the inner packaging must be placed in a UN Standard UN50D Large Packaging that is tested and certified as meeting the Packing Group II

level and rated to a gross weight of at least 700 kg (1543 pounds). The battery must be packaged as described in the May 27, 2025, application on file the OHMS.

(3) Packages offered for transportation must be in accordance with the requirements in Packing Instruction 974 of the Supplement to the ICAO TI. Additionally, waste lithium batteries and lithium batteries being shipped for recycling or disposal are forbidden from air transport, and lithium batteries must not be packed in the same outer packaging with substances and articles of Class 1 (explosives) other than Division 1.4S, Division 2.1 (flammable gases), Class 3 (flammable liquids), Division 4.1 (flammable solids), or Division 5.1 (oxidizers).

(4) No more than one battery is allowed per package.

(5) For the Taycan J1PA, (DHG model: 9J1.915) battery, the net weight of the battery may not exceed 625.5 kg (1,379 pounds).

(6) For the Macan H2 BEV, (DHG model: 0Z3.915.913) battery, the net weight of the battery may not exceed 570 kg (1,257 pounds).

b. TESTING REQUIREMENTS:

(1) For the Taycan J1PA, (DHG model: 9J1.915) battery:

(i) All lithium ion cells must be of a type that has passed all required tests as specified in the “UN Manual of Tests and Criteria, 7th Revised Edition”.

(ii) All lithium ion modules must be of a type that has passed all required tests as specified in the “UN Manual of Tests and Criteria, 8th Revised Edition”.

(iii) The assembled battery need not be of a type that has been demonstrated by testing to pass all required tests as specified in Part III, subsection 38.3 of the “UN Manual of Tests and Criteria”.

(2) For the Macan H2 BEV, (DHG model: 0Z3.915.913) battery:

(i) Each cell within the battery must be of a type tested in accordance with the “UN Manual of Tests and Criteria, 6th Revised Edition”.

(ii) Each battery module must be of a type tested in accordance with the “UN Manual of Tests and Criteria, 6th Revised Edition” or the “UN Manual of Tests and Criteria, 7th Revised Edition”.

- (iii) The assembled battery need not be of a type that has been demonstrated by testing to pass all required tests as specified in Part III, subsection 38.3 of the “UN Manual of Tests and Criteria”.

c. OPERATIONAL CONTROLS:

(1) Only the following lithium ion batteries respectively conforming to the May 14, 2025, and the May 27, 2025, applications on file with the OHMS are authorized to be transported under the terms of this special permit:

(i) The Taycan J1PA, (DHG model: 9J1.915) battery is comprised of no more than 33 modules (Model: Porsche BEV J1PA 72Ah). Each module is comprised of 12 LG Energy Solution, LTD. lithium ion cells (model E72B). Each battery has a nominal voltage of 727 V and a nominal energy rating of 105 kWh.

(ii) Macan H2 BEV, (DHG model: 0Z3.915.913) is comprised of 12 modules (Contemporary Amperex Technology Co. Lim. 0Z3.915.592). Each module is comprised of 15 contemporary Amperex Technology Co., Lim. lithium ion cells (model 0JP8B5) in a 15S1P configuration. Each battery has a nominal voltage of 662 V and a nominal energy rating of 100 kWh.

(3) All lithium ion batteries must be offered for transportation at a state of charge not exceeding 30 percent.

(4) The batteries must be equipped with an effective means of preventing dangerous reverse current flow for cells that are connected in parallel.

(5) Cells and batteries must be protected against short circuiting.

(6) The batteries must be equipped with a battery management system (BMS) verified to prevent overcharge, short-circuiting, and over-discharge.

(7) Lithium batteries must be packed to prevent accidental activation of the battery.

(8) Cells, modules, or batteries 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 may not be transported under this special permit.

(9) Any changes to the cell, module, or battery from the types listed above invalidate this special permit.

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 22036" in accordance with § 172.302(c).

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, the HMR, and the ICAO TI.

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

d. This special permit in no way affects the need to obtain any required authorizations from other agencies of the United States Government or from the competent authorities of countries of origin, transit, destination, and the State of Operator.

e. The grantee must maintain the following record and upon request make this record available to DOT representatives or enforcement officials. The record must contain a listing and number of shipments made to include:

(1) Dates of shipment; and

(2) Description of each type of shipment.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo-only aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle or aircraft used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

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
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