

January 08, 2021



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 21048

EXPIRATION DATE: 2022-12-31

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: United Paradyne Corporation
Lompoc, CA
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain Division 2.2 materials in Specification DOT 3A, 3AA, 3AX, 3AAX, 3T, and UN/ISO 11120 cylinders (tubes), each having a water capacity greater than 125 pounds and that are past their test date for requalification. The cylinders must be horizontally mounted on a motor vehicle (trailer chassis) or in an ISO frame or other framework of equivalent structural integrity. 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 § 180.209 in that cylinders past their test date may not be filled and offered for transportation, except as provided herein.

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5. BASIS: This special permit is based on the application of United Paradyne Corporation dated April 28, 2020 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
Air, compressed	2.2	UN1002	N/A
Helium, compressed	2.2	UN1046	N/A
Nitrogen, compressed	2.2	UN1066	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are DOT-3A, 3AA, 3AX, 3AAX, 3T and UN/ISO 11120 cylinders (tubes), each with a water capacity greater than 125 pounds, that are horizontally mounted on a motor vehicle (trailer chassis) or in an ISO frame or other framework of equivalent structural integrity and are subjected to periodic retesting, reinspection, and marking prescribed in §§ 180.205 and 180.213, except that:

(1) Each cylinder may be retested using Acoustic Emission and Ultrasonic Examination (AE/UE) in accordance with a valid special permit in lieu of the hydrostatic pressure test and internal visual examination.

(2) The planned requalification dates of these cylinders may be extended by up to five years from the stamped requalification due date. To extend requalification, each cylinder, including the cylinder neck and flange/sleeve, must be subjected to an external visual inspection (without disassembly) in accordance with CGA Pamphlet C-6. A cylinder with

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excessive corrosion around the neck or under the flange/sleeve must be removed and examined in accordance with CGA Pamphlet C-23.

(3) United Paradyne Corporation must record the results of the visual inspection for each cylinder and submit the report to the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD) upon request.

b. OPERATIONAL CONTROLS:

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

(2) Transportation of these tube trailers is only authorized within the boundaries of the Vandenberg Air Force Base.

(3) The maximum cycling (fillings) of each cylinder (tube) after extension of the requalification period by 5 years must be less than or equal to 45 for DOT-3A, 3AA, 3AAX, 3T, and UN/ISO 11120 cylinders. United Paradyne Corporation must record all fillings of each cylinder and submit the report to the OHMSAPD upon request.

(4) Sample testing of the lading must be performed in accordance with the procedures described in the application on file either every 90 days or upon refilling, whichever is first. Additionally, a sample from each individual cylinder in the bundle must be tested on a 5-year basis. United Paradyne Corporation must record the results of trace contaminant testing and submit the report to the OHMSAPD upon request.

(5) All gases must have a dew point at or below minus 52 °F at one atmosphere.

(6) Hydrogen and hydrogen-bearing gases are not authorized in DOT-3T specification cylinders (see § 173.302a(a)(4)).

(7) Carbon dioxide or any corrosive gas, in any concentration, shall not be added to these cylinders.

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c. MARKING:

(1) An exterior cylinder (tube) on each side of the frame or tube trailer must be plainly and durably marked "DOT-SP 21048" with the letters and numbers at least 2-inch high on a contrasting background. The remaining cylinders are exempted from § 172.301(c).

(2) The current retest date must be marked on the rear or side of the frame or tube trailer at approximately eye level. In the event the retest dates of the cylinders differ in the frame or tube trailer, the oldest retest date (meaning the date of the retest that must occur first) must be displayed.

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 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.

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- 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-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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Copies of this special permit may be obtained by accessing the
Hazardous Materials Safety Homepage at

http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm

Photo reproductions and legible reductions of this special permit
are permitted. Any alteration of this special permit is
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PO: BMoore