



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 20849
(FIRST REVISION)

EXPIRATION DATE: 2021-06-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Collins Aerospace
Wilson, NC
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the transportation in commerce of manifolded cylinders that do not meet the requirements of 49 CFR 173.301(g). 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. 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 § 172.203(a) in that the requirement to mark the shipping paper with the special permit number is waived and § 173.301(g) in that an alternative manifolding is authorized.

July 31, 2019

5. BASIS: This special permit is based on the application of Collins Aerospace dated July 24, 2019, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

| Hazardous Material Description | | | |
|---------------------------------------|-------------------------------|------------------------------|----------------------|
| Proper Shipping Name | Hazard Class/ Division | Identification Number | Packing Group |
| Oxygen, compressed | 2.2 | UN1072 | N/A |

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are non-DOT specification cylinders that are manufactured and manifolded in accordance with the Collins Aerospace schematics and specifications on file with the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD). The manifold assembly is in conformance with all requirements of § 173.301(g), except as follows:

§ 173.301(g) (1): Cylinders are supported and held together as a unit by structurally adequate means, and are furnished with the required Pressure Relief Devices (PRD) except for certain deviations that are described in the Collins Aerospace specifications on file with OHMSAPD.

b. TESTING: The completed manifold assembly is tested in accordance with the Collins Aerospace technique and specifications on file with OHMSAPD.

c. MARKING:

(1) The cylinders in the manifold assembly must be marked in accordance with the specifications on file with OHMSAPD.

(2) The outer packaging must be plainly and durably marked "DOT-SP 20849" in accordance with § 172.301(c).

July 31, 2019

d. OPERATIONAL CONTROLS:

(1) The manifold assembly must be removed from service and condemned in accordance with the lifecycle requirements on file with OHMSAPD.

(2) The manifold assembly must be shipped in strong outer packaging in accordance with § 173.301(a)(9) and the Collins Aerospace packaging methods on file with OHMSAPD.

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, but 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 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.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, passenger-carrying aircraft, and cargo-only aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel, aircraft or motor vehicle 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.

July 31, 2019

- 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 Materials Safety

July 31, 2019

Administration, U.S. Department of Transportation, East Building
PHH-30, 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

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
prohibited.

PO: BMoore/NICKS