

February 4, 2008



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 13107
(THIRD REVISION)

EXPIRATION DATE: December 31, 2010

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Sensors, Inc.
Saline, MI
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the transportation in commerce of certain DOT specification cylinders as part of a Portable Emission Measurement System, that release a controlled amount of certain Division 2.1 materials during transportation under the terms and conditions specified herein. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this special permit only considered the hazard and risks associated with transportation in commerce. The safety analysis 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. Party status will not 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 § 172.301(c) in that the requirement to mark each package with the special permit number is waived; § 177.834(h) in that discharge of the material during transportation is authorized; and

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§ 173.301(f)(5)(i) in that the cylinder is required to be equipped with a pressure relief device, except as specified herein.

5. BASIS: This special permit is based on the application of Sensors, Inc. dated October 23, 2007 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
Compressed gas, flammable (n.o.s.)	2.1	UN1954	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a DOT specification cylinder contained within an exhaust emission monitor device as shown in the application on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA). The cylinder is: 1) a DOT Specification 3AL-1800 cylinder having a diameter of approximately 3.25 inches and a maximum length of approximately 12.25 inches that does not have a pressure relief device; or 2) a DOT specification 3AL-2216 cylinder having a diameter of approximately 3.25 inches and a maximum length of approximately 13.25 inches, equipped with a pressure relief device.

b. TESTING - Each cylinder must be requalified as specified in § 180.209 for DOT Specification 3AL cylinders.

c. OPERATIONAL CONTROLS -

(1) Emergency response information provided with the shipment and available via an emergency response telephone number must indicate that the cylinders are not fitted with pressure relief devices and provide appropriate guidance in case packagings are exposed to fire.

(2) Cylinders may not be offered for transportation unless contained within the exhaust emission monitor device described in the application for special permit.

(3) The flow of Division 2.1 materials must automatically shut-off if the gas line is accidentally interrupted or leaks occur downstream of the regulator.

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.

c. The marking requirement in § 172.301(c) is waived.

d. The applicability of this special permit is limited to in-field measurement of engine emissions during normal operation over roads and highways as mandated by 40 CFR, Part 1065, Subpart J.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A 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, 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 the 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 Theodore L. Willke
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

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: JNicklous