



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety Administration**

East Building, PHH – 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

APPROVAL CA2008050004
ISSUED BY THE COMPETENT AUTHORITY OF THE UNITED STATES
EXPIRATION DATE: See DOT-SP 14183

1. **APPROVAL HOLDER:** **LND, Incorporated**
3230 Lawson Blvd.
Oceanside, NY 11572
2. **REGULATORY AUTHORITY:** Packing Instruction 200 of the International Civil Aviation Organization's Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO TI) and Packing Instruction 200 of the International Maritime Dangerous Goods (IMDG) Code.
3. **SYNOPSIS:** LND, Incorporated is authorized to offer for transportation Division 2.1 (flammable) and 2.2 (non-flammable) gases in non-DOT specification pressure vessels described as hermetically sealed electron tube radiation sensors that conform to the requirements of the United States Department of Transportation's special permit DOT-SP 14183.
4. **BASIS:** This approval is issued in response to LND, Incorporated's application dated May 1, 2008.
5. **PERIOD OF VALIDITY AND CONDITIONS OF APPROVAL:** This approval does not provide relief from any requirements of the Hazardous Materials Regulations, ICAO TI, or the IMDG Code except as stated herein. This approval is valid until the expiration date of DOT-SP 14183 or unless terminated by the Associate Administrator for Hazardous Materials Safety.

a. Approved Materials: Only the following material(s) may be transported under the terms of this approval.

Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identification Number	PG
Argon, compressed	2.2	UN1006	N/A
Carbon dioxide	2.2	UN1013	N/A
Helium, compressed	2.2	UN1046	N/A
Krypton, compressed	2.2	UN1056	N/A
Neon, compressed	2.2	UN1065	N/A
Nitrogen, compressed	2.2	UN1066	N/A
Xenon, compressed	2.2	UN2036	N/A
Compressed gas, n.o.s. (mixtures of gases listed with or without 5% or less methane or carbon dioxide)	2.2	UN1956	N/A
Methane, compressed	2.1	UN1971	N/A
Hydrogen, compressed	2.1	UN1049	N/A
Propane, compressed	2.1	UN1978	N/A

b. Packaging: Packaging prescribed is a non-DOT specification pressure vessel conforming to the requirements of DOT-SP 14183.

c. Marking Requirements: Each package and overpack if used, prepared under the provisions of this approval must be plainly marked with the approval number.

6. **MODES OF TRANSPORTATION AUTHORIZED**: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger carrying aircraft (see paragraph 8.f. of United States Department of Transportation's special permit DOT-SP 14183 for modal restrictions).

7. **SPECIAL PROVISIONS**:

a. A copy of this approval and DOT-SP 14183 must accompany any shipment made under the terms of this approval.

b. Any person who offers for transportation or transports the above-described package(s) may do so under the authority of this approval if all requirements and conditions of this approval and DOT-SP 14183 are met.

- c. A current copy of this approval and DOT-SP 14183 must be maintained and made available for examination at each location where materials are packaged and offered for transportation.
- d. A copy of this approval and DOT-SP 14183 must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this approval.
- e. Any person who offers for transportation or transports the above-described package(s) may do so under the authority of this approval if all requirements and conditions of this approval are met.
- f. Shipments or operations conducted under this Approval are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR § 171.15 – Immediate notice of certain hazardous materials incidents, and 49 CFR 171.16 – Detailed hazardous materials incident reports. In addition, the holder of this Approval must notify the Associate Administrator for Hazardous Materials Safety – OHMSPA, in writing, of any incident involving a package, shipment, or operation conducted under the terms of this Approval.

8. **GENERAL PROVISIONS:**

- a. Failure by any person to comply with the terms and conditions of this approval and the Hazardous Materials Regulations, 49 CFR Parts 171-180, ICAO TI or the IMDG Code may result in the modification, suspension or termination of that person's authority to use this approval. Failure to comply may also subject that person to penalties prescribed by 49 U.S.C. §§ 5123 and 5124. This approval may be modified, suspended or terminated in its entirety if that action is justified in light of changes in circumstances or additional information not available when this approval was issued. Unless immediate modification, suspension or termination is necessary to avoid a risk of significant harm to persons or property, before action is taken, that person will be notified and provided with an opportunity to show why the proposed action should not be taken.
- b. Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this approval must be provided training on the requirements and conditions of this approval in addition to the training required by §§ 172.700 through 172.704.

c. Any person operating under the terms of this approval must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.

Issued in Washington, D.C.

Dated: May 8, 2008

Approved by:



Ref
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.