

**Research and Special Programs
Administration**

**Product Recall; High Pressure
Composite Hoop Wrapped Cylinders
(4500 PSIG Marked Service Pressure;
DOT-E 7235)**

In response to notification of cylinder failures and the request by the manufacturer to the Office of Hazardous Materials Regulation (OHMR) for a recall of all cylinders possibly associated with the failed cylinders, this notice of product recall is issued.

We have been advised that the manufacturer, Luxfer USA Limited, has initiated a product recall of all 4,500 psig aluminum/fiberglass hoop-wrapped 30-minute cylinders used as breathing apparatus bearing serial numbers WA43160 through WA50178 and WF20321 through WF21548.

Luxfer is initiating this recall because it has recently discovered that a number of its 4,500 psig aluminum/fiberglass cylinders produced since mid-1982 have developed leaks; in two instances, the cylinders subject to this recall ruptured. Although testing of affected cylinders has not yet been completed, information being developed confirms a metallurgical abnormality in the parts subject to this recall.

No injuries have occurred as a result of these incidents, but users of these cylinders should be advised that serious personal injury, death or property damage could result from the rupture of a cylinder. Accordingly, all persons owning, using or having access to the cylinders subject to the recall should immediately take the following precautions:

1. If a cylinder has been filled, its entire contents should be vented in order to relieve internal pressure.
2. The vented cylinders should be segregated from all other cylinders by being placed in a secure place and marked conspicuously with a tag bearing the notation "Do Not Use" or similar warning.
3. Under no circumstances should any of the cylinders in question be sold or otherwise transferred, filled, refilled or used for any purpose.

Once the above procedures have been implemented, all cylinders bearing the serial numbers indicated should be returned for replacement to the company or distributor from whom they were purchased.

FOR FURTHER INFORMATION CONTACT:
Paul Seay, Office of Hazardous Materials Regulation, Materials Transportation Bureau, Department of Transportation, 400 Seventh Street, SW., Washington, D.C. 20590, (202) 755-4906. Office hours are: 8:30 a.m. to 5:00 p.m., Monday through Friday.

(49 U.S.C. 1801 et seq., 49 CFR 1.53(e))

Issued in Washington, D.C. on August 9, 1983.

Joseph T. Horning,
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Materials Regulation, Materials
Transportation Bureau.*

(FR Doc. 83-22162 Filed 8-10-83; 10:23 am)

BILLING CODE 4910-80-M