

April 14, 1992

**NOAA DIVING SAFETY BULLETIN #92-02**

MEMORANDUM FOR: All Divers

FROM: J. Morgan Wells  
NOAA Diving Coordinator

SUBJECT: Luxfer Aluminum Scuba Cylinders

Luxfer U.S.A. has identified a potential pinhole leaks in their aluminum scuba cylinders made in the years 1982 and 1983. Repeated filling of bottle with a shoulder/neck leak may lead to catastrophic failure of the cylinder.

The following procedures are provided for identifying pinhole leaks in the shoulder/neck area of aluminum cylinders:

At 50% service pressure and at full service pressure check for bubbles around the cylinder valve, safety disc, and the shoulder/neck area. Use a solution of liquid dish soap and water sponged around these areas.

If a leak is detected around the valve, have the O-ring changed by a certified tank inspector (VCI). If a leak is determined to be coming from the cylinder, bleed the tank down and contact Luxfer at 714-684-5110.