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REQUIREMENTS FOR AEROSOLS UNDER LIMITED QUANTITIES PROVISIONS

Proposal submitted by the Government of the United Kingdom */

Proposal:

In 3.4.3(b), after "LQ1 is shown", replace the existing text with "and the conditions of 6.2.1.2 and 6.2.4.1 to 6.2.4.4 when LQ2 is shown".

In 4.1.4.1, P204, delete the text of (3), and renumber existing (4) to (8) as "(3) to (7)".

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In Chapter 6.2:

Insert the following text:

"6.2.4.1.5 The internal pressure at 50°C shall exceed neither two-thirds of the test pressure nor 1.32 Mpa (13.2 bar). They shall be so filled that at 50°C the liquid phase does not exceed 95% of their capacity."

Insert the following text after 6.2.4.2.2:

"6.2.4.3 Tightness (leakproofness) tests on all receptacles

6.2.4.3.1 Aerosols and receptacles, small, containing gas shall satisfy a tightness (leakproofness) test in a hot-water bath.

6.2.4.3.2 The temperature of the bath and the duration of the test shall be such that the internal pressure of each receptacle reaches at least 90% of the internal pressure that would be reached at 55°C. However, if the contents are sensitive to heat or if the receptacles are made of a plastics material which softens at this temperature, the temperature of the bath shall be from 20°C to 30°C. In addition, one receptacle out of every 2000 shall be tested at the higher temperature.

6.2.4.3.3 No leakage or permanent deformation of a receptacle shall occur, except that a plastics receptacle may be deformed through softening provided that it does not leak.

Renumber existing 6.2.4.3 as "6.2.4.4"

Justification

Under the existing text of RID/ADR, "limited quantity" aerosols do not have to meet the provisions of P204. In practice, however, most aerosols fall under the limited quantity provisions.

The United Kingdom considers that paragraph (3) of P204 deals with construction rather than packing requirements, and that on safety grounds all aerosols should be subject to them. This would align RID/ADR with the United Nations Recommendations and the IMDG Code, and thus also prevent distortion of competition between different modes of transport and different countries.

The United Kingdom therefore proposes that the existing paragraph (3) of P204 should be deleted, and the text inserted in Chapter 6.2, where it will apply also to aerosols under limited quantity provisions.
