

**Information regarding the revision of EN 417:1992 referred to in P204 and in  
6.2.4.3 of the RID/ADR**

**Transmitted by the European Committee for Standardisation (CEN)**

CEN is in the process of launching the formal vote on the revised text of EN 417:1992 *Non-refillable metallic gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances – Construction, inspection, testing and marking*.

The revision of the standard, the first since 1992, was necessary because the marking requirements were not in agreement anymore with the relevant EU requirements on labelling. Also the requirements on valves had been modified and the specifications for single layer valves have been moved to an informative annex that remains in force during a transitional period of five years after the publication of the revised standard.

The RID/ADR requirements on gas cartridges are adequately covered in the standard as indicated in the table of concordance hereafter.

When the revised standard will be published, CEN will issue a formal proposal to the Joint Meeting in order to change the reference to the standard in P204 and in 6.2.4.3.

**Table of concordance between essential requirements of RID/ADR and clauses of EN 417**

<b>Marginal(s) RID/ADR</b>	<b>Clauses of standard</b>
<b>6.2.4.1.1</b> Receptacles made of metal shall have a concave bottom when diameter = or >40mm	4.2.2
<b>6.2.4.2.1</b> The internal pressure to be applied (test pressure) shall be 1.5 times the internal pressure at 50°C, with a minimum pressure of 1 MPa (10 bar)	3.7 (definition)
<b>6.2.4.2.2</b> The hydraulic pressure tests shall be carried out on at least five empty receptacles of each model ... not leak or burst until a pressure 1.2 times the test pressure has been reached or passed.	6.4 + C1 4.2.4
P204 (3) packing instruction (a) the internal pressure at 50 °C shall exceed neither two-thirds of the test pressure nor 1.32 MPa (13.2 bar). (b) they shall be so filled that at 50 °C the liquid phase does not exceed 95% of their capacity. (c) they shall satisfy a tightness (leakproofness) test in a hot-water bath:	in scope 5 7.4.3

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