
Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

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Item 7 of the provisional agenda

Reports of informal working groups

Report of the informal working group on alternative methods for periodic inspections

Alternative methods for periodic inspection of refillable pressure receptacles

Transmitted by the European Liquefied Petroleum Gas Association (AEGPL) on behalf of the informal working group on alternative methods for periodic inspections

Introduction

Following discussions in plenary about the ECE/TRANS/WP.15/AC.1/2017/INF 55, on the 27 september 2017, and as agreed by the Joint Meeting, the working group proposes the following rewordings about paragraphs c), e) and h) of Proposal 2 of ECE/TRANS/WP.15/AC.1/2017/INF 55.

Proposals

(c) Sub-Groups of a basic population

Within the above defined basic population, over-moulded cylinders belonging to different owners shall be separated into specific sub-groups, one per owner.

If the whole basic population is owned by one owner, the sub-group equals the basic population.

(e) Sampling for statistical assessment

The sampling shall be random among a sub-group as defined in (c). The size of each sample per sub-group shall be in accordance with the table in paragraph (g).

(h) Measures if the acceptance criteria are not met

If a result of the burst test, peeling and corrosion test or adhesion test does not comply with the criteria detailed in the table in paragraph (g), the potentially affected sub-group of over-moulded cylinders shall be segregated by the owner for further investigations and not be filled or made available for transport and use.

In agreement with the competent authority, its delegates or the Xa-body which issued the design approval, additional tests shall be performed to determine the root cause of the failure.

If the root cause cannot be proved to be limited to the affected sub-group of the owner, the competent authority, its delegates or the Xa-body shall take measures concerning the whole basic population and potentially other years of production.

If the root cause can be proved to be limited to a part of the affected sub-group, not affected parts may be authorized by the competent authority to return to service.
