

~~ECONOMIC COMMISSION FOR EUROPE~~

~~INLAND TRANSPORT COMMITTEE~~

~~World Forum for Harmonization of Vehicle Regulations (WP.29)~~

~~Working Party on Pollution and Energy (GRPE)~~
~~(Forty-ninth session, 11-14 January 2005,~~
~~agenda item 5.3.)~~

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 110

(Specific components for CNG)

Transmitted by the expert from Italy

Note: This document is based on the official proposal (TRANS/WP.29/GRPE/2005/4) which was submitted by Italy at the 49th session of GRPE. It only refers to periodic qualification of cylinders since a general agreement was expressed by the experts at the last GRPE session. (TRANS/WP.29/GRPE/49, para. 30)

The proposal concerning cylinder assembly is, for the time being, withdrawn from discussion since it needs to be revised on the basis of comments made by the Netherlands (informal doc. 49-13)

The modifications to the current requirements are marked in **bold** characters.

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A. PROPOSAL

Annex 3, paragraph 4.1.4., amend to read:

"4.1.4. Periodic requalification

Recommendations for periodic conditions specified herein. Each cylinder shall be visually inspected at least every **48** months **after the date of its entry into service on the vehicle (vehicle registration)**, and at the time of any re-installation, for external damage and deterioration, including under the support straps. The visual inspection shall be performed to remain in service."

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B. JUSTIFICATION

Re: Annex 3, para. 4.1.4.:

In the majority of Contracting Parties a vehicle (car) must undergo its first roadworthiness test four years after the first registration; further inspections are carried out every two years. Doing the cylinder requalification test once every 4 years, would allow simultaneous inspection of car and cylinder, thus reducing the inconvenience for the vehicle owner. This modification would not affect the safety margin compared to the case of 3-year requalification intervals. In Italy, the cylinder requalification interval is, at the present time, five years.

Once Rule No. 2 annexed to 1997 Agreement is adopted the above prescription should be transferred to it.
