**Economic Commission for Europe**

Inland Transport Committee

**Working Party on the Transport of Dangerous Goods 22 September 2016**

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

Geneva, 19–23 September 2016  
Item 5 (a) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:**

**pending issues**

Alternative methods for periodic inspection of refillable pressure receptacles

Agenda for the next WG meeting following the Geneva JM of 22/09/2016

Transmitted by the European Liquefied Petroleum Gas Association (AEGPL) on behalf of the Working Group

1- Proposed items:

* Clarify uncertainties on the scope of the statistical tests:

- Make clear for which types of cylinders it can be applied

- Make clear which ADR 6.2.1.6.1 checks (a to e) are concerned

* Be more precise and consistent in using statistical terms applied to pressure receptacles
* Be clearer on the responsibilities for manufacturers (eg availability of cylinder’s data), owners, filling centers, retest facilities & inspection bodies
* Provide more detailed requirements with regards to activities of sampling, destructive tests and statistical analysis
* Improve the determination of population groups for statistical purposes (sampling)
* Define minimum sampling size. (linked to the confidence level)
* Statistical methods shall enable to monitor degradation (ageing) of mechanical properties. (note : no requirements in the ADR concerning in service ageing tests / residual life time beside Note 2 in 6.2.2.1.1 and 6.2.2.1.2)
* Analyze methods for Periodic Inspection with respect to their capability to measure degradation (ageing) concerning determination of life time.
* Demonstrate the equivalent safety level for known examples
* For safety level comparison, the group needs current failure rate in service
* Come back to the OMCs specific proposal, as a detailed illustration « of an alternative methods »
* Analyze whether there are appropriate NDT methods
* Consider Interactions with standardization (CEN – ISO)

2- Agenda for the next meeting:

**Dates and place:** Paris: 10 & 11th of January 2017 (at CFBP)

**Proposed Agenda:**

* Consider all above mentioned concerns
* Review available data on existing failure rates
* Review the revised general provision (to be circulated before the next meeting)
* Improve the specific provision for OMC, and the justifications (revised version to be circulated before the next meeting)
* Consolidate, in parallel with OMC, the general provision

for presentation **with an inf paper** to the next JM in Bern March 2017 meeting