

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

16 March 2015

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

Bern, 23-27 March 2015

Item 6 of the provisional agenda

Reports of informal working groups

Report of the informal working group on “Provisions on equipment for tanks and pressure receptacles”

Transmitted by the European Industrial Gases Association (EIGA)

Introduction

1. The working group had its second meeting in Paris on 24th and 25th November and its third meeting in Berlin on 26th and 27th February. Delegates represented France, Germany, Switzerland, AEGPL, ECMA and EIGA. The working group considered only pressure receptacles.

2. The work on pressure receptacles is almost complete and the highlights of the recent work concern separate assessment of closures and marking.

The following provisions have been proposed for separate conformity assessment.

6.2.1.4.3 For refillable cylinders, pressure drums and tubes the conformity assessment of the shell and the closure(s) may be carried out separately. In this case an additional assessment of the final assembly is not required.

For bundles of cylinders, the cylinder shells and the valve(s) may be assessed separately, but an additional assessment of the complete assembly is required.

For cryogenic receptacles, the closures may be assessed separately, but an additional assessment of the complete assembly is required.

For cylinders to be used with acetylene the conformity assessment shall be either:

- (a) one assessment of conformity covering both the cylinder shell and the contained porous material; or
- (b) a separate assessment of conformity for the empty cylinder shell and an additional assessment of conformity for the cylinder shell with the contained porous material.

This has enabled the deletion of the following provision from 6.2.6.3.1

“For refillable pressure receptacles, the conformity assessment of valves and other demountable accessories having a direct safety function may be carried out separately from the receptacles ...”.

Marking requirements for closures have been specified and a scheme devised for marking completed acetylene cylinders when the cylinder shell has been separately approved.

Further Work

3. One further meeting on pressure receptacles is planned for 27th May 2015. The agenda will be to review all the work to date and add provisions for pressure relief devices. The output of that meeting will be a formal paper for the Joint Meeting in September containing all the proposals. Most of the proposals concern the definitions in Chapter 1.2 and the text in 6.2.1 and 6.2.2, so the paper will ask the Joint Meeting to consider making a proposal to the Sub Committee of Experts for the Transport of Dangerous Goods. The Working Group will also request permission to start work on tanks and their service equipment. This work on tanks will require the participation of tank experts in the working group.
