

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

INF. 8

(Bern, 24-28 March 2003)

Joint Meeting Standards Working Group
Report on the first meeting, Bonn, Germany
14 - 15 January 2003

1. As agreed upon by the Joint Meeting during its autumn meeting 2002 (see TRANS/WP.15/AC.1/90, para. 22) a first meeting of the group was hosted by the German Ministry of Transport, Construction and Housing (BMVBW). This exceptional meeting outside the meeting cycle of the Joint Meeting was deemed necessary in view of the large number of published or almost published Standards candidate to be referenced in the 2005 Edition of ADR/RID. Member States were asked to nominate experts for the meeting and to transmit comments.
2. The Members of ADR/RID were officially invited, where possible by e-mail or fax/letter, dated Dec. 12, 2002. The relevant standards, ready to be checked for conformity with the provisions were distributed by CEN-MC by e-mail in parallel, beginning of December.
3. Incoming comments were consolidated, allocated to the standards commented, and circulated to the contributing parties by the vice-chairman of the Working Group, Mr. Pierre Wolfs, the CEN Consultant. Comments in writing were received from Finland, Germany, Sweden and AEGPL.
4. Due to sickness of the chairman of the Working Group, Dr Schulz-Forberg, the meeting was chaired by the vice-chairman.
5. 11 Experts from 6 ADR/RID Member States and 3 representatives of CEN attended the meeting - see attendance list. They were welcomed by Mr. Rein, Head of the dangerous goods branch of the German BMVBW and vice-chairman of the Joint Meeting.

6. The scope of the work was considered, based on the procedures of cooperation, as adopted by Joint meeting and as laid down in Annex 3 to the above-mentioned report. The group was aware that checking the conformity of the submitted standards with the provisions of ADR/RID was the main task of the group and that it should refrain from discussing the technical contents of the standards.
7. The standards to be checked for conformity with ADR/RID had been compiled by CEN-MC in two lists - one with 14 standards in stage 4 (published submitted for reference) and one with 10 standards in stage 3 (at final vote stage).
8. It was agreed to document the recommendations of the working group in the form of tables for any of the standards, in line with the structure of the table in 6.2.2., see Annex 1 to this report. These recommendations indicate, whether or not a standard, - as agreed by the group - is in conformity with the relevant provisions of ADR/RID, in full or in part, where the reference shall be inserted and whether actions are requested from CEN.
9. For some standards the group identified that footnotes should be inserted in the text of the references in ADR/RID in order to underline prevalence of the ADR/RID provisions over the requirements of the standards with regards to the responsibilities of competent persons/bodies. It was finally decided to recommend a general note in that effect that would be inserted in the beginning of the tables of standards in 6.2.2 and 6.8.2.6 (see proposal 1 in Annex 1).
10. The group became aware that for some standards (such as the ones for composite cylinders), ADR/RID includes only limited provisions and that further essential requirements could be added to ADR/RID. This was deemed to be a task for interested ADR/RID member states.
11. The working group has observed, that in the normative reference of some standards, reference is made to preliminary standards. It was discussed whether this should be acceptable. The working group recommends that this should be acceptable, if the character of the normative reference is supportive in these standards. However, if the

content of the normative reference is also related to the provisions of ADR/RID, then this should also require a conformity check by the working group.

12. The working group agreed upon the following working procedures:
 - Further standards will be sent by CEN-MC by e-mail (some members are still difficult to be reached by e-mail). The next dispatch is to be expected shortly
 - Comments to the conformity of these standards with ADR/RID should be submitted to the chairman and vice-chairman of the working group, by end of February, if possible. Comments could be sent to the working group members in parallel. (List in Annex 2)
 - The comments will be consolidated by the vice-chairman for the next meeting. Working group member will be provided with this document about 1 week before the meeting.

13. In view of the limited time available during the sessions of the Joint Meeting, the group would welcome the authorization by the Joint Meeting to hold additional meetings outside the meeting cycles of the Joint Meeting, if deemed necessary.

14. As an exceptionally procedure, Member States that could not attend the 1st meeting are invited to submit comments by email before 1st of March to the vice-chairman on the standards that were evaluated during the 1st meeting of the working group. Written comments will be evaluated at the beginning of the 2nd meeting of the working group in March.

Annex 1 to the report of the 1st Meeting of the Joint Meeting Standards Working Group
Proposals to amend ADR/RID

A. General

Proposal 1: the WG propose to have a general note above the table of 6.2.2 and 6.8.2.6 as follows:

“Persons or bodies identified in standards as having responsibilities in accordance with ADR/RID shall meet the mandatory requirements in this chapter”

Justification: the WG group was of this opinion that in several standards, the meaning of the roles and responsibilities of competent/approved/inspection bodies should be aligned to the proper description as per the ADR/RID.

B: new references to be added in the table of 6.2. 2

B.1: for cylinders

Proposal 2

Reference	Title of document	Applicable sub-sections and paragraphs
EN 12 245: 2002	Transportable gas cylinders – Fully wrapped composite cylinders Note: <i>this standard shall not be used for LPG service</i>	6.2.1.1and 6.2.1.5

Justification:

A dedicated standard for LPG service (prEN 14427) is at Public Enquiry stage with more stringent requirements.

Proposal 3

Reference	Title of document	Applicable sub-sections and paragraphs
EN 12257: 2002	Transportable gas cylinders – Seamless, hoop wrapped composite cylinders – Specification	6.2.1.1and 6.2.1.5

Proposal 4

Reference	Title of document	Applicable sub-
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		sections and paragraphs
EN 12 807:2001 (except Annex A)	Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) – Design and construction	6.2.1.1 and 6.2.1.5

Action for CEN: an amendment of this standard shall be issued to change in clause 7.3.2 the reference to Dir 94/55/EC to “the applicable transport regulations”.

Proposal 5

Reference	Title of document	Applicable sub-sections and paragraphs
EN 12 205:2001	Transportable gas cylinders – Non refillable metallic gas cylinders	6.2.1.1, 6.2.1.5 and 6.2.1.7

Proposal 6

Reference	Title of document	Applicable sub-sections and paragraphs
EN 1964-2:2002	Transportable gas cylinders – Specification for the design and construction of refillable transportable seamless steel gas cylinders of capacity from 0,5 litre up to 150 litre – Part 2: Tensile strength (R_m max) > 1100 N/mm ²	6.2.1.1 and 6.2.1.5

Action for CEN: the WG recommends that for the next revision of this standard, the symbols and terms (e.g. R_m) though not in use in the relevant chapter 6.2 of ADR/RID should be aligned with those that are in use in chapter 6.8 of the ADR/RID;

Proposal 7

Reference	Title of document	Applicable sub-sections and paragraphs

		graphs
EN 13 293: 2002	Transportable gas cylinders –Specification for the design and construction of refillable transportable seamless normalised carbon manganese steel gas cylinders of water capacity up to 0,5 litre for compressed, liquefied and dissolved gases and up to 1 litre for carbon dioxide	6.2.1.1 and 6.2.1.5

B.2: for maintenance

Proposal 8

Reference	Title of document	Applicable sub-sections and paragraphs
EN 1968:2002 (except Annex B)	Transportable gas cylinders –Periodic inspection and testing of seamless steel gas cylinders (excluding LPG)	6.2.1.6

Proposal 9

Reference	Title of document	Applicable sub-sections and paragraphs
EN 1802:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of seamless aluminium gas cylinders	6.2.1.6

Proposal 10

Reference	Title of document	Applicable sub-sections and paragraphs

EN 12 863:2002	Transportable gas cylinders – Periodic inspection and maintenance of dissolved acetylene cylinders Note: <i>in this standard “initial inspection” is to be understood as the “first periodic inspection” after final approval of a new acetylene cylinder.</i>	6.2.1.6
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Comment : the WG has clarified that the mandatory inspection periodicities (at 5 or 10 years) apply after this additional first inspection

Proposal 11

Reference	Title of document	Applicable sub-sections and paragraphs
EN 1803:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of welded steel gas cylinders (excluding LPG)	6.2.1.6

Proposal 12

Reference	Title of document	Applicable sub-sections and paragraphs
EN ISO 11623:2002 (except clause 4)	Transportable gas cylinders – Periodic inspection and testing of composite gas cylinders	6.2.1.6

Comment: Clause 4 is excluded from the reference to that standard because the WG was of the opinion that testing periodicities for composite cylinders should still be defined by the competent authorities (ref P200(8)).

B.3: for closures

Proposal 13

EN 13 152:2001 Clause 5.3.8 of EN 13152:2001/ A1:2003	Specifications and testing for liquefied petroleum gas (LPG) – cylinder valves-self closing	6.2.2 valves 4.1.6.10	6.2.1.1 4.1.6.4 (d)
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Comment: an amendment to this standard is at the formal vote stage to cover the testing of the valves for the use at low temperatures in order to satisfy art. 7.2 of the TPED

Proposal 14

EN 13 153:2001 Clause 5.3.8 of EN 13153:2001/ A1:2003	Specifications and testing for liquefied petroleum gas (LPG) – cylinder valves- manually operated	6.2.2 valves 4.1.6.10	6.2.1.1 4.1.6.4 (d)
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Comment: an amendment to this standard is at the formal vote stage to cover the testing of the valves for the use at low temperatures in order to satisfy art. 7.2 of the TPED

C: new references to be added in the table of 6.8.2.6 of ADR only

Proposal 15

Reference	Title of document	Applicable sub-sections and paragraphs
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Reference	Title of document	Applicable sub-sections and paragraphs
EN 12493:2001 (except Annex C)	Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers – Design and manufacture <i>Note: Road tankers is to be understood in the meaning of “fixed tanks” and “demountable tanks” as per ADR</i>	6.8.2.1 (with the exception of 6.8.2.1.17); 6.8.2.4.1 (with the exclusion of the leak-proofness test); 6.8.2.5.1, 6.8.3.1 and 6.8.3.5.1

Proposal 16

Reference	Title of document	Applicable sub-sections and paragraphs
EN 12 252:2000	Equipping of LPG road tankers <i>Note: Road tankers is to be understood in the meaning of “fixed tanks” and “demountable tanks” as per ADR</i>	6.8.3.2 (with the exception of 6.8.3.2.3)

Proposal 17

Reference	Title of document	Applicable sub-sections and paragraphs
EN 13 530-2:2002	Cryogenic vessels – Large transportable vacuum insulated vessels – Part 2: Design, fabrication, inspection and testing	6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.4, 6.8.3.1 and 6.8.3.4

Comment: The standard considers “cold stretching” or “pressure strengthening” as a method to increase the mechanical characteristics of the vessel. “Pressure strengthening” of assemblies in stainless steels is accepted by all pressure codes in Europe for static and transportable vessels. The standard will harmonize the existing practices.

Action for CEN: CEN will initiate an amendment to correct the cross-reference to paragraph c) in 4.2.7.1 and to clarify that Class B shall be used in the standards for X-ray examination referred to in 6.3.1

Proposal 18

Reference	Title of document	Applicable sub-sections and paragraphs
EN 13 316: 2002	Tanks for transporting dangerous goods – Service equipment – Pressure balanced footvalve	6.8.2.2 and 6.8.2.4.1
EN 13 308: 2002	Tanks for transport of dangerous goods – Service equipment – Non pressure balanced footvalve	6.8.2.2 and 6.8.2.4.1
EN 13 314: 2002	Tanks for transport of dangerous goods – Fill hole cover	6.8.2.2 and 6.8.2.4.1
EN 13 317:2002	Tanks for transporting dangerous goods – Service equipment – Manhole cover assembly	6.8.2.2 and 6.8.2.4.1

Comment: these four standard refer extensively to the requirements of prEN 12266-1 and prEN 12266-2. These standards will be circulated by CEN to the members of the WG who will have an opportunity to raise objections before the next meeting of the WG during the JM in March 2003.

D: Other standards

D.1: The WG accepted the reference to the following standards provided no modification to the technical/legal requirements are introduced in the published texts.

Reference	Title of document	Where to refer in ADR/RID
pr EN 417:1992 rev 2003	Non-refillable metallic gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances – Construction, inspection, testing and marking	6.2.4.3

Reference	Title of document	Where to refer in ADR/RID	Applicable sub-sections and paragraphs
prEN 14 189	Transportable gas cylinders – Inspection and maintenance of cylinder valves at time of periodic inspection of gas cylinders	6.2.2	6.2.1.6

D.2: The WG didn't consider the following documents since they are related to provisions of the Model Regulations. The UN Committee should decide first on the future of these standards

Reference	Title of document	Where to refer in ADR/RID
prEN ISO 16104	Packaging – Transport packaging for dangerous goods – Test methods	6.1
prEN ISO 16467	Packaging – Transport packaging for dangerous goods – Test methods for IBCs	6.5

Annex 2 to Report of 1st meeting of the Joint Meeting Working Group on Standards

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