
Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

10 September 2012

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

Geneva, 17-21 September 2012

Item 3 of the provisional agenda

Standards

Revised references to European general purpose standards

Transmitted by the European Committee for Standardisation (CEN)

Introduction

1. The procedure of cooperation between Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods with the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC) as revised in March 2011 (see ECE/TRANS/WP.15/AC.1/122/Add.2) includes the commitment of CEN-CENELEC Management Centre to establish a system of systematic review of European standard references in RID/ADR/ADN and to advise the Joint Meeting regularly in its paper on work in progress in CEN¹ about any referenced EN and EN ISO standards which have been revised.

2. Together with this information, the CEN-CENELEC consultant will describe the extent and nature of the revision and its potential to conflict with RID/ADR/ADN. If a member of the Joint Meeting queries his judgement in writing, these comments will be added to the compiled comments by members of the Joint Meeting on dedicated standards to be discussed by the Working Group on Standards. The CEN-CENELEC Management Centre will then upload a copy of the draft FprEN revised standard on the dedicated CEN webpage mentioned above under a separate entry "For information".

Information

3. This is to inform, that this system of systematic review of European standard references in RID/ADR/ADN has now been established.

4. As a result of the review of all references to EN standards in the texts of RID/ADR/ADN as prepared for 2013 and characterized as "general purpose standards" the attached list of standards was identified which have been revised or replaced.

5. The CEN-CENELEC Consultant will now prepare a document describing extent and nature of the revision and its potential to conflict with RID/ADR/ADN which will be provided in time as working document for the March 2013 session.

¹ Occasionally CENELEC standards also

6. If a member of the Joint Meeting queries his judgement in writing, these comments will be added to the compiled comments by members of the Joint Meeting on dedicated standards to be discussed by the Working Group on Standards.

7. In the long term, the CEN-CENELEC Management Centre will upload a copy, on the dedicated CEN webpage (in a folder “For information”), of the draft FprEN of “general purpose standards” revised standard when identified by the automatic queries in the CEN and CENELEC databases.

Annex: Table Update of EN General Purpose Standards referenced in RID/ADR/ADN 2013

ADR subsec./ para	RID subsec./ para	ADN subsec./ para	Existing Reference number	Revision/ Replacement	Title		
8.1.4.1, Footnote 1			EN 2:1992	EN 2:1992+ A1:2004	Classification of fires		
6.9.2.5	6.9.2.5		EN 61:1977	EN ISO 527-4:1997 and EN ISO 527-5: 2009	Glass reinforced plastics - Determination of tensile properties		
		1.2.1 B	EN 137:1993	EN 137:2006	Respiratory protective devices - Self-contained open-circuit compressed air breathing apparatus with full face mask - Requirements, testing, marking		
5.4.3.4 Instruction in writing - Footnote b)			EN 141	EN 14387:2004 +A1 2008	Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking		
8.1.5.3 Footnote 3)							
		1.2.1 P	EN 340:1993	EN 340:2003	Protective clothing - General requirements; German version		
		1.2.1 P	EN 346:1997	EN ISO 20346:2007	Personal protective equipment - Protective footwear		
		1.2.1 B	EN 371:1992	EN 14387:2004 +A1 2008	Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking		
		1.2.1 B	EN 372:1992				
		1.2.1 P	EN 374-1:1994	EN 374-1:2003	Protective gloves against chemicals and micro-organisms - Part 1: Terminology and performance requirements		
		1.2.1 P	EN 374-2:1994	EN 374-2:2003	Protective gloves against chemicals and micro-organisms - Part 2: Determination of resistance to penetration		
		1.2.1 P	EN 374-3:1994	EN 374-3:2003	Protective gloves against chemicals and micro-organisms - Part 3: Determination of resistance to permeation by chemicals		
		1.2.1 E	EN 400:1993	EN 13794:2002	Respiratory protective devices - Self-contained closed-circuit breathing apparatus for escape - Requirements, testing, marking		
		1.2.1 E	EN 401:1993				
		1.2.1 E	EN 402:1993	EN 402:2003	Respiratory protective devices - Governed demand self-contained open-circuit compressed air breathing apparatus with full face mask or mouthpiece assembly for escape - Requirements, testing, marking		
		1.2.1 E	EN 403:1993	EN 403:2004	Respiratory protective devices for self-rescue - Filtering devices with hood for escape from fire - Requirements, testing, marking		
5.4.3.4 Instruction in writing	5.4.3.4 Instruction in writing		EN 471	EN 471:2003+ A1:2007	High-visibility warning clothing for professional use - Test methods and requirements		
8.1.5.2							
6.8.4.d) TT8	6.8.4.d) TT8		EN 473	EN 473:2008	Non-destructive testing – Qualification and certification of NDT personnel – General principles		
		1.6.7.4.2 Table C from Part 3 - 3. Until 31.12.2018 UN No. 1202	EN 590:2004	EN 590:2009+ A1:2010	Automotive fuels - Diesel - Requirements and test methods		
		1.6.7.4.2 Table C from Part 3 - 3. Until 31.12.2018 UN No. 1202					
3.2.1 Table A UN No. 1202	3.2.1 Table A UN No. 1202	3.2.1 Table A UN No. 1202					
3.2.1 Table A UN No. 1202	3.2.1 Table A UN No. 1202	3.2.1 Table A UN No. 1202					
4.1.1.19.6 Table (Assimilation list), UN No. 1202 Diesel fuel	4.1.1.19.6 Table (Assimilation list), UN No. 1202 Diesel fuel						
4.1.1.19.6 Table (Assimilation list), UN No. 1202 heating oil, light	4.1.1.19.6 Table (Assimilation list), UN No. 1202 heating oil, light						
9.1.1.2 a)							
9.1.1.2 a)							
		1.2.1 D	EN 1127-1:1997			EN 1127-1:2011	Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology
		1.2.1 D					
		1.2.1 E					
		1.2.1 E					
		1.2.1 A					

ADR subsec./ para	RID subsec./ para	ADN subsec./ para	Existing Reference number	Revision/ Replacement	Title
		1.2.1 E	EN 1146:1997	EN 1146:2005	Respiratory protective devices - Self-contained open-circuit compressed air breathing apparatus incorporating a hood for escape - Requirements, testing, marking
6.7.2.1	6.7.2.1		EN 10028-3	EN 10028-3:2009	Flat products made of steels for pressure purposes - Part 3: Weldable fine grain steels, normalized
		8.1.6.2	EN 10380:2003	EN ISO 10380:2003	Pipework - Corrugated metal hoses and hose assemblies (ISO 10380:2003)
		8.1.6.2	EN 10380:2003		
		8.1.6.2	EN 12115:1999	EN 12115:2011	Rubber and thermoplastics hoses and hose assemblies for liquid or gaseous chemicals - Specification
		8.1.6.2	EN 12115:1999		
		9.3.2.21.5 c)	EN 12827:1996	EN 12827:1999	Inland navigation vessels - Connections for the transfer of diesel oil
		9.3.3.21.5 c)	EN 12827:1996		
		1.2.1 E	EN 12874:1999	EN 12874:2001	Flame arresters - Performance requirements, test methods and limits for use
		1.2.1 F			
		1.2.1 S			
		1.6.7.2.2.2 Table			
		1.6.7.2.2.2 Table			
6.12.5 Note			EN 13501-1:2002	EN 13501-1:2007 +A1:2009	Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests
9.3.4.2					
		1.6.7.2.2.2 Table	EN 13765:2003	EN 13765:2010	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals - Specification
		8.1.6.2			
		8.1.6.2			
		1.15.3.8	EN 29001:1997	EN ISO 9001:2008	Quality management systems - Requirements (ISO 9001:2008)
		1.15.3.8	EN 45004:1995	EN ISO/IEC 17020:2004	General criteria for the operation of various types of bodies performing inspection (ISO/IEC 17020:1998)
		3.2.3 Footnotes related to the list of substances, Nr. 8)	EN 50014	EN IEC 60079-0: 2012	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
		1.2.1 E	EN 50014:1994		
		1.2.1 T			
		1.2.1 T			
		3.2.4.2 No. 3.1			
9.2.2.5.1 a) Note 2)			EN 50015	EN 60079-6:2007	Explosive atmospheres - Part 6: Equipment protection by oil immersion "o"
9.7.8.2 Note 2)					
		1.2.1 T	EN 50016	EN 60079-2:2007	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p" (IEC 60079-2:2007)
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
		1.2.1 T	EN 50017	EN 60079-5:2007	Explosive atmospheres - Part 5: Equipment protection by powder filling "q" (IEC 60079-5:2007)
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
		1.2.1 T	EN 50018	EN 60079-1:2007	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" (IEC 60079-1:2007)
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
		1.2.1 T	EN 50019	EN 60079-7:2007	Explosive atmospheres - Part 7: Equipment protection by increased safety "e" (IEC 60079-7:2006)
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
		1.2.1 T	EN 50020	EN 60079-11:2012	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" (IEC 60079-11:2006)
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
			EN 50021	EN 50021:1999	Electrical apparatus for potentially explosive atmospheres. Type of protection "n"
9.2.2.5.1 a) Note 2)					
		1.2.1 T	EN 50028	EN 60079-18:2009	Electrical apparatus for explosive gas atmospheres - Part 18: Construction, test and marking of type of protection encapsulation "m" electrical apparatus (IEC 60079-18:2004)
9.2.2.5.1 a) Note 2)					
9.7.8.2 Note 2)					
		9.3.1.21.5 a)	EN 60309-2:1999	EN IEC 60309-2: 2005	Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories
		9.3.1.21.5 b)			
		9.3.2.21.5 a)			
		9.3.2.21.5 b)			
		9.3.3.21.5 a)			

ADR subsec./ para	RID subsec./ para	ADN subsec./ para	Existing Reference number	Revision/ Replacement	Title
		9.3.3.21.5 d)			
2.3.3.1.2 d)	2.3.3.1.2 d)	2.3.3.1.2 d)	EN ISO 2719	EN ISO 2719:2002	Determination of flash point - Pensky-Martens closed cup method
6.9.4.2.1	6.9.4.2.1		EN ISO 527-5: 1997	EN ISO 527-5:2009	Plastics - Determination of tensile properties - Part 5: Test conditions for unidirectional fibre-reinforced plastic composites (ISO 527-5:1997)
6.9.4.2.2	6.9.4.2.2				
		3.2.4.2 No. 3.2	EN ISO 1523:2002	EN ISO 1523:2002 +AC1:2006	Determination of flash point - Closed cup equilibrium method (ISO 1523:2002)
2.3.3.1.2 d)	2.3.3.1.2 d)	2.3.3.1.2 d)	EN ISO 13736	EN ISO 13736:2008	Determination of flash point - Abel closed-cup method (ISO 13736:2008)
		3.2.4.2 No. 3.2			
6.9.2.10	6.9.2.10		EN ISO 14125:1998	EN ISO 14125:1998 +AC:2002 +A1:2011	Fibre-reinforced plastic composites - Determination of flexural properties (ISO 14125:1998)