

Status of CEN, ISO and BS standards and draft standards for personal fall protection

Created: March 2001	Last update: 07.11.07 (bold in Update column)	New update (bold & highlighted in Update column): 03.03.08
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CEN/ISO/BSI Committee	Standard No	Title	Status	Update
CEN TC/160		Protection against falls from a height including working belts	Petra Jackisch appointed on 19 December 2005 as chairperson of CEN/TC 160 for 6 years starting on 01 January 2006. Next meeting (in Haan, Germany): 09/10 October 2008.	07.11.07
CEN/TC 160/PG Definitions		Definitions	Convenor: Petra Jackisch (D) Next meeting: None arranged. Last meeting: 09/10 January 2008.	03.03.08
PG Definitions	EN 1868	Personal protective equipment against falls from a height – Definitions and list of equivalent terms	After meeting of PG Definitions on 09/10 January 2008, draft due to be submitted for first enquiry. No document at 03 March 2008.	03.03.08
PG Definitions	EN 363	Personal fall protection systems	Current version: EN 363:2008. Passed formal vote 07 November 2007. Due for publication approx April 2008. UK voted against mainly due to the important and frequently-used term <i>free fall</i> not being defined in the draft (even after much discussion) which will lead to different	03.03.08

			interpretations and, thus, confusion.	
PG 2		Test masses	<p>Convenor: David Riches.</p> <p>This PG is to collect and evaluate existing research studies with regard to appropriate test masses and to report to CEN/TC 160 on the results by September 2007.</p> <p>Meeting held in February 2007. It was agreed that special consideration needed to be given to people who had weights in the range of 50 to 80 kg and 100 to 140 kg, particularly with regard to deceleration forces. There would be a recommendation to CEN/TC 160 that this should be researched further.</p> <p>Agreed at TC 160 meeting in Oct 2007 to circulate DR's report widely and WGs to be encouraged to debate the issue. Germany suggested max and min rated loads used in new standards is a solution. PS agrees: this was the reason for their inclusion.</p>	07.11.07
PG 3	EN 353-1	Test method EN 353-1	<p>Convenor: Mark Griffiths.</p> <p>This PG was formed to agree an amendment of EN 353-1:2002 to include a falling backwards test in EN 353-1 based on the test method in BS 5062 (withdrawn).</p> <p>(This is in addition to the long-term revision of EN 353-1.)</p>	07.11.07

			Draft EN 353-1:2002/pr A1:2006 was disapproved by CEN members. The PG has now been disbanded.	
PG 3	EN 353-1:2002/prA1:2006	Personal protective equipment against falls from a height – Part 1: Guided type fall arresters including a rigid anchor line	Draft EN 353-1:2002/pr A1:2006 was issued for enquiry 20 March 2007 via the unique acceptance procedure (UAP). However, it was disapproved by CEN members and was subsequently deleted as a work item.	07.11.07
CEN/TC 160/WG 1		General requirements	Convenor: Tim Bissett (UK). Next meetings: 22/23/24 April 2008 Nice, France. 08/09 July 2008 Venue to be decided.	03.03.08
WG 1	EN 364	Personal protective equipment against falls from a height - Test methods	Current version: EN 364:1992 plus Amendment 1:1993. Revision. Draft with committee. EN 795 takes priority. All other working groups confirmed that EN 364 should consist of test apparatus only, with test methods in relevant product standards. At 5-year review, the standard was recommended for revision on 22 December 2006. See document TC 160/N1051.	29.01.07
WG 1	EN 365	Personal protective equipment and other equipment for protection against falls from a height - General requirements for instructions	Current version: EN 365:2004. Published September 2004.	22.11.04

		for use, marking, packaging, maintenance and servicing		
WG 1	EN 795	Protection against falls from a height - Anchor devices - Requirements and testing	Current version: EN 795:1996. Revision continues. Version 23 issued 12 February 2008 (See WG1 N468). First enquiry stage could soon be in sight.	03.03.08
CEN/TC 160/WG 2		Personal fall arresting systems - components and systems	Convenor: Mark Griffiths (UK). Next meetings: 11/12 March 2008 in Salzburg, Austria; 10/11 June 2008 in Lisbon, Portugal.	03.03.08
WG 2	EN 353-1	Personal protective equipment against falls from a height - Part 1: Guided type fall arresters including a rigid anchor line	Current version: EN 353-1:2002. (Amendment published as a revision.) Out for first enquiry. Latest date for comments to BSI: 31 May 2008. This does not include the falling backwards test from EN 353-1:2002/pr A1:2006, as this document was disapproved by CEN members and has now been deleted as a work item. However, a new test proposal from Germany (which looks promising) has been agreed by WG 2 members to be included at this stage as an informative annex. Due to several deaths and serious injuries over the last few years due to failure of these devices to arrest a fall, the UK had first	03.03.08

			proposed the fall back test, since rejected, and then proposed the withdrawal of EN 353-1 as it patently did not do the required job properly. TC 160 did not support withdrawal of the standard by a large majority. It is difficult to know what more to do to get any real action by CEN/TC 160 on this extremely important issue. It is to be hoped that the new German proposal (see above) is adequate and acceptable.	
WG 2	EN 353-2	Personal protective equipment against falls from a height - Part 2: Guided type fall arresters including a flexible anchor line	Current version: EN 353-2:2002. (Amendment published as a revision.) Under revision. Project group set up within WG2 and first draft produced 27 February 2008, presumably for discussion at next full WG meeting on 11/12 March 2008.	03.03.08
WG 2	EN 354	Personal protective equipment against falls from a height - Lanyards	Current version: EN 354:2002. (Amendment published as a revision.) Draft revision approved on 25 January 2008 to go to second enquiry.	03.03.08
WG2	EN 355	Personal protective equipment against falls from a height - Energy absorbers	Current version: EN 355:2002. (Amendment published as a revision.) Revision: New revision started Nov. 2001 but delayed because of priority of the revision of EN 353-1. The current version has been confirmed for a	07.11.07

			<p>further five years.</p> <p>WG 2 agreed that a revision was necessary and that a new work item would be registered when appropriate, i.e. when time allowed work to start on the revision.</p>	
WG 2	EN 360	Personal protective equipment against falls from a height - Retractable type fall arresters	<p>Current version: EN 360:2002. (Amendment published as a revision.)</p> <p>The current version has been confirmed for a further five years.</p> <p>WG 2 agreed that a revision was necessary and that a new work item would be registered when appropriate, i.e. when time allowed work to start on the revision.</p>	07.11.07
WG 2	EN 361	Personal protective equipment against falls from a height - Full body harnesses	<p>Current version: EN 361:2002. (Amendment published as a revision.)</p> <p>At 5-year review, (22 December 2006), the decision was taken by simple majority to confirm the standard for another 5 years: (4 x confirmation), (1 x revision), (3 x abstention) and (1 x withdrawal). See document TC 160/N1050.</p> <p>WG 2 agreed that a revision was necessary and that a new work item would be registered when appropriate.</p>	25.05.07
WG 2	EN 362	Personal protective equipment against falls from a height - Connectors	<p>Current version: EN 362:2004. Revision published December 2004.</p>	19.01.05

CEN/TC 160/WG 3		Personal protective equipment for work positioning and the prevention of falls from a height	Convenor: Wolfgang Schäper (D) Next meeting: none arranged. Last meeting: 08/09 January 2008.	03.03.08
WG 3	EN 341	Personal protective equipment against falls from a height - Descender devices	Current version: EN 341:1992 including Amendment 1. Draft revision submitted for approval to go to formal vote on 08 February 2008. Last day for voting (to CEN) 03 March 2008	03.03.08
WG 3	EN 358	Personal protective equipment for work positioning and prevention of falls from a height - Belts for work positioning and restraint and work positioning lanyards	Current version: EN 358:2000. Published December 1999. 5-yearly review: confirmed for further 5 year period but any amendment, e.g. because all lanyards could now be together in EN 354, will be considered on presentation of a draft.	25.05.07
WG3	EN 813	Personal protective equipment for prevention of falls from a height - Sit harnesses New title: Personal fall protection equipment – Sit harnesses	Current version: EN 813:1997. First edition, published in February 1997. Approved to go to formal vote in January 2008. No document in sight at 03.03.08.	03.03.08
WG 3	EN 1891	Personal protective equipment for prevention of falls from a height - Low stretch kernmantel ropes	Current version: EN 1891:1998. First edition, published in April 1998. 5-yearly review: confirmed for further 5 year period but any amendment, e.g. because of the need for a rope of a lower elongation	19.10.05

			than specified currently by EN 1891, will be considered on presentation of a draft.	
WG/PG 6	EN 12841	Personal fall protection equipment – Rope access systems – Rope adjustment devices	Convenor: Fred Husøy (N). Current version: EN 12841:2006. First edition, published in August 2006.	29.01.07
CEN/TC 160/WG 5		Rescue equipment	Convenor: Wolfgang Schäper (D). Next meeting: None scheduled	14.11.05
WG 5	EN 1496	Rescue equipment - Rescue lifting devices	Current version: EN 1496:2006. Published November 2006. Not a harmonized standard.	29.01.07
WG 5	EN 1497	Rescue equipment - Rescue harnesses	Current version: EN 1497:2007. Published August 2007. To become a harmonized standard.	07.11.07
WG 5	EN 1498	Rescue equipment - Rescue loops	Current version: EN 1498:2006. Published November 2006. Not a harmonized standard.	29.01.07
ISO/TC 94/SC 4		Personal equipment for protection against falls	Convenor: Chris Chapman (UK). Secretariat: Standards Australia.	03.03.08

			Next meeting of SC 4: 13/14 June 2008 in Las Vegas in conjunction with a meeting of WG 6, PG Fundamentals, the annual American Society of Safety Engineers (ASSE) Professional Development Conference (PDC) and the International Society for Fall Protection (ISFP) conference.	
ISO/TC 94/SC 4/WG 2		Personal fall arrest systems	Convenor: No convenor Next meeting: none arranged.	03.03.08
WG 2	ISO 10333-1 + Amd	Personal fall arrest systems. Part 1: Full body harnesses	First edition 01 July 2000. Amendment 1 published 15 March 2002. At the five-yearly review (closing date 18 November 2006), the standard was confirmed with no changes other than a technical corrigendum.	25.05.07
WG 2	ISO 10333-2	Personal fall arrest systems. Part 2: Lanyards and energy absorbers	First edition published 15 March 2000. Five-yearly review: the standard was confirmed on 22 November 2006 with no changes other than a technical corrigendum.	25.05.07
WG 2	ISO 10333-3	Personal fall arrest systems. Part 3: Self-retracting lifelines	First edition published 15 April 2000. Five-yearly review: the standard was confirmed on 22 November 2006 with no changes other than a technical corrigendum.	25.05.07
WG 2	ISO 10333-4	Personal fall arrest systems. Part 4: Vertical rails and vertical lifelines which incorporate a	Current version: ISO 10333-4:2002.	03.03.08

		sliding type fall arrester	First edition, published 01 April 2002. Due for five-yearly review in May 2007. Process started but no record of conclusion to date (03.03.08).	
WG 2	ISO 10333-5	Personal fall arrest systems. Part 5: Connectors with self-closing and self-locking gates	Current version: ISO 10333-5:2001. First edition, published week commencing 03 December 2001. Five-yearly review: the standard was confirmed on 22 November 2006 with no changes other than a technical corrigendum.	25.05.07
WG 2	ISO 10333-6	Personal fall arrest systems. Part 6: System performance tests	Current version: ISO 10333-6:2004. First edition, published 15 January 2004. Five-yearly review: the standard was confirmed on 18 June 2007 with no changes other than a technical corrigendum	03.03.08
ISO/TC 94/SC 4/WG 3		Work positioning	Convenor: No convenor	
WG 3	ISO/CD 14566	Personal protective equipment for protection against falls from a height - Work positioning systems	Work deleted from work programme by ISO/CS due to lack of progress. Failed re-ballot.	02.03.02
ISO/TC 94/SC 4/WG 4	WG defunct	Anchor devices	Convenor: Derek Cowe (UK).	
WG 4	ISO 14567	Personal protective equipment for prevention of falls from a height: Single-point anchor devices	Current version: ISO 14567:1999. First edition, published 01 March 1999.	05.09.04

			Confirmed end August 2004 (for another 5 years) after mandatory review. (UK voted to confirm.)	
ISO/TC 94/SC 4/WG 5		Horizontal lifelines	Convenor: Mark Griffiths (UK). No meetings scheduled.	14.11.05
WG 5	ISO 16024	Personal protective equipment for protection against falls from a height - Flexible horizontal lifeline systems	Current version: ISO 16024:2005. First edition, published 25 October 2005.	14.11.05
WG 5	-----	New work item: to be balloted: Horizontal rails	Ballot completed. Proposal not approved (23 November 2001). (Only three members agreed to participate: minimum is five.)	27.11.01
ISO/TC 94/SC 4/WG 6		Rope access	Convenor: Peter Ferguson (Aus). Next meeting: 14/15 June 2008 in Las Vegas.	03.03.08
WG 6	ISO/ 22846-1	Rope access: Part 1: Fundamental principles for a system of work	Current version: ISO 22846-1:2003. First edition, published 15 November 2003.	17.02.04
WG 6	ISO/PD 22846-2	Rope access: Part 2: Code of practice	Part 2 (Code of practice). Draft being prepared for submission to go out as a CD. Not ready at 03 March 2008. New work item required as work has passed ISO limited lifetime deadline.	03.03.08
ISO/TC 94/SC 4/WG 7		Descending devices	Convenor: Paul Seddon (UK).	01.11.06

			Next meeting: none arranged.	
WG 7	ISO 22159	Descending devices	Current version: ISO 22159:2007. First edition, published 15 May 2007	25.05.07
Fundamentals Project Group	-----	Provisional title agreed as: Fundamental principles for the planning, management and use of personal fall protection systems for work at height	This group is preparing a draft covering fundamental requirements for personal fall protection equipment and systems. Due to lack of time and resources, this work was shelved until the work on ISO/PD 22846.2 eased. Next meeting: 15 June 2008 in Las Vegas.	03.03.08
BSI/PH5		Safety belts and harnesses	Chairman: Chris Chapman. Next meeting: 07 May 2008 in London. Note date change.	03.03.08
	BS 7883	Code of practice for the design, selection, installation, use and maintenance of anchor devices conforming to BS EN 795	Current version: BS 7883: 2005 incorporating Amendment No. 1: published 31 August 2007	07.11.07
	BS 6858	Manually operated positioning devices and associated anchorage lines for use with industrial safety belts and harnesses	Current version: BS 6858:? To be revised.	06.07.01
Ad hoc group convenor: Paul Seddon	BS 7985	Code of practice for the use of rope access methods for industrial purposes	Current version: BS 7985:2002. First edition, published 28 February 2002. Under amendment. Changes prepared and now under review by BSI editors. No	03.03.08

			document at 03 March 2008.	
Ad hoc group convenor: Heather Potts	BS 8405	Single-hand operated descender devices for self or assisted rescue	Current version: BS 8405:2003. First edition, published 17 March 2003. Amendment 1 sent to members of PH/5 for approval on 16 August 2007 Provides alternative test method. However, a few problems have been spotted and are being addressed.	03.03.08
Steering group convenor: David Thomas	BS 8437	Code of practice for selection, use and maintenance of personal fall protection systems and equipment for use in the workplace	Current version: BS 8437:2005. First edition, published 29 April 2005.	11.05.05
Ad hoc group convenor: Keith Jones	BS 8454	Code of practice for the delivery of training and education for work at height and rescue	Current version: BS 8454:2006. First edition, published May 2006.	06.06.06
	BS 8513	Twin-legged lanyards	First draft being prepared by Harry Crawford	03.03.08
BSI/SW 136/5	BS EN 892	Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods	Current version: BS EN 892:2004. Published November 2004.	19.01.05