

CEN/TC 341 N350 rev1

Stages of development in CEN/TC 341 *Geotechnical investigation and testing*

Date: 2008-10-01

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ISO work item number	CEN work item number	WG of CEN/TC 341	Short title	Resolutions CEN/TC 341	Accepted by CEN 10.99	Stage 20.60 CD	Stage 30.99 ENQ draft DIS	Stage 45.99 FV final draft FDIS	Publication ISO Availability CEN (DAV)	Remarks
14688-1	00341012		Identification of soil		2001-09				2002-08	ISO lead, EN ISO: 2002 <i>under review</i>
14688-2	00341001		Classification principles of soil		2001-09				2004-07	ISO lead, EN ISO: 2004 <i>under review</i>
14688-3	00341055		Electronic data exchange – soil	29, 41, 70	2003-01	2003-12	2004-12	N/A	2007-09	ISO lead, TS No information from ISO/TC182/SC1 secretariat
14689-1	00341013		Identification of rock		2001-09				2003-12	ISO lead, EN ISO: 2003 <i>under review</i>
14689-2	00341056		Electronic data exchange - rock	29, 41, 71	2003-01	2003-12	2004-12	N/A	2007/09	ISO lead, TS No information from ISO/TC182/SC1 secretariat
22475-1	00341038	1	Sampling – principles	19, 30, 39, 57, 63	2003-05				2006-09	EN ISO:2006
22475-2	00341036	1	Sampling – qualification criteria	19, 28, 41, 42, 57	2003-03				2006-09	TS:2006
22475-3	00341037	1	Sampling – conformity assessment	28,41,42,57, 92	2003-03	2003-12	2004-07	N/A	2007-12	TS:2007
22476-1	00341042	2	Electrical cone penetration tests	31, 41, 61, (76), (77), 86, 87	2003-03	2003-11	2005-01			FV draft – FDIS Reactivation - ISO/CEN new WI number is pending
22476-9	00341021	2	Field vane test	23, 99	2002-03	2003-09	2004-12			CD - Reactivation - ISO/CEN new WI number is pending
22476-12	00341054	2	Mechanical cone penetration test	31, 41, 69, 100	2003-05 2005-11	2003-11 2006-04	2006-04	2008-03	2008-11	Sent for FV on 2008-05
22476-2	00341004	3	Dynamic probing	37	2001-09				2005-01	EN ISO: 2005
22476-3	00341005	3	Standard penetration test	37	2001-09				2005-01	EN ISO: 2005
22476-4	00341016	5	Menard pressuremeter test	22, 64,88	2002-03	2003-09	2005-04 2007-09	2008-12	2009-05	END of 2 nd pENQ:2008-03-06 Comments of 2 nd p Enquiry sent to Convenor on 2008-03-13
22476-5	00341017	5	Flexible dilatometer test	22, 64, 95	2002-03	2003-09	2005-06 2008-02	2008-12	2009-06	END of 2 nd pENQ:2008-05-14 Comments of 2 nd p Enquiry sent to Convenor on 2008-06-05
22476-6 ¹⁾	00341057	5	Self-boring pressuremeter test	22, 59, 73, 89	2002-03 2006-08	2003-09 2007-03	2007-08	2008-12	2009-08	1 st CD is pending Deleted – 3Y timeframe
22476-7	00341019	5	Borehole jack test	22, 64, 95	2002-03	2003-09	2005-06 2008-02	2008-12	2009-06	END of 2 nd Penq:2008-05-14 Comments of 2 nd p Enquiry sent to Convenor on 2008-06-05
22476-8 ¹⁾	00341058	5	Full displacement pressuremeter	22, 59, 74, 89	2002-03 2006-08	2004-08 2007-03	2007-08	2008-12	2009-08	1 st CD is pending Deleted – 3Y timeframe
22476-X	?	5	Phicometer shearing test	75						TS, WI number pending
22476-10	00341022		Weight sounding test	24	2002-10				2005-05	TS: 2005 <i>under review</i>

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22476-11	00341023		Flat dilatometer test	24	2002-10				2005-05	TS: 2005 <i>under review</i>
22282-1	00341060	1	Geohydraulic testing – General rules	56, 93	2004-05 2007-07	2008-01	2008-07	2009-11	2010-07	Comments of p Enquiry sent to Convenor on 2008-09-26
22282-2	00341061	1	Permeability tests using open systems	30, 41, 55, 93	2003-05 2007-07	2008-01	2008-07	2009-11	2010-07	Comments of p Enquiry sent to Convenor on 2008-09-26
22282-3	00341062	1	Water pressure test	30, 41, 55, 78, 85	2003-05 2007-07	2007-09	2007-11	2009-11	2010-07	Comments of p Enquiry sent to Convenor on 2008-06-05
22282-4	00341063	1	Pumping tests	30, 41, 55, 79, 85	2003-05 2007-07	2007-09	2007-12	2009-11	2010-07	Comments of p Enquiry sent to Convenor on 2008-06-20
22282-5	00341064	1	Infiltrometer tests	56, 80, 85	2004-05 2007-07	2007-09	2007-12	2009-11	2010-07	Comments of p Enquiry sent to Convenor on 2008-06-20
22282-6	00341065	1	Permeability tests using closed systems	56, 81, 85	2004-05 2007-07	2007-09	2008-07	2009-11	2010-07	Comments of p Enquiry sent to Convenor on 2008-09-10
22476-13¹⁾	00341008	4	Plate loading test	33, 62, 98	2001-09	2003-11	<u>2005-02</u>			WD 1 - creation of a small group of experts to prepare a first draft, res.98 No progress
.....	00341059	4	Pile load test – rapid axially loaded compression test	91						WD1 is pending for adoption (stage 10.99)
22477-1¹⁾	00341053	4	Pile load test – static axially loaded compression test	32,38,65,66, 94	2005-06	2005-12	2005-12	<u>2008-06-30</u>		<ul style="list-style-type: none"> ENQUIRY DRAFT – DIS Comments on Enquiry sent to WG4 on 2006-10 9months tolerance before FV (Res 94) expired Deleted - No progress
22477-2¹⁾	00341045	4	Pile load test – static axially loaded tension test	32, 38	2003-05					No progress
22477-3¹⁾	00341046	4	Pile load test – static transversally loaded tension test	32, 38	2003-05	2003-11				WD 1 - No progress
22477-4¹⁾	00341047	4	Pile load test – dynamic axially loaded compression test	32, 38	2003-05	2003-11				WD 1 - group of experts under WG4 see doc CEN/TC 341 N353 No progress
22477-5¹⁾	00341007	4	Testing of anchorages	60	2001-09	2003-11	2005-04	2006-02		ENQUIRY DRAFT – DIS comments of p Enquiry sent to AFNOR on 2005-11-30 Deleted - No progress
22477-6¹⁾	00341009	4	Testing of nailing	62	2001-09	2003-11	<u>2005-02</u>			WD 3 No progress
22477-7¹⁾	00341010	4	Testing of reinforced fill	62	2001-09	2003-11	<u>2005-02</u>			No progress

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17892-1	00341024	6	Water content	25, 43, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-2	00341025	6	Density of fine grained soils	25, 44, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-3	00341026	6	Density of solid particles	25, 45, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-4	00341027	6	Particle size distribution	25, 46, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-5	00341028	6	Oedometer test	25, 47, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-6	00341029	6	Fall cone test	25, 48, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-7	00341030	6	Compression test	25, 49, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-8	00341031	6	Unconsolidated triaxial test	25, 50, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-9	00341032	6	Consolidated triaxial test	25, 51, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-10	00341033	6	Direct shear test	25, 52, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-11	00341034	6	Permeability test	25, 53, 96, 101	2002-10				2004-11	Confirmation till 2010-11
17892-12	00341035	6	Atterberg limits	25, 54, 96, 101	2002-10				2004-11	Confirmation till 2010-11

Explanations:
 WD: Working Draft
 CD: Committee Draft (CEN stage 20.60)
 DIS: Draft International Standard (Dispatch ENQ draft to CEN/CMC – ISO/CS stage 30.99)
 FDIS: Final Draft International Standard (Dispatch FV draft to CEN/CMC – ISO/CS stage 45.99)
 TS: Technical Specification
 N/A: not applicable
 ENQ: Enquiry
 FV: Formal vote
 DAV: Date of Availability (date when the definitive text in the official language versions of an approved CEN publication is distributed by the Central Secretariat)

yellow shadow: stage of progress
 dates in italic: target dates
 underlined dates: target dates including a tolerance of 9 months
 standard number in bold black: finalised project (standard)
 standard number in blue: draft
 standard number in green: final draft
 standard number in red: work items with no progress
¹⁾ has been deleted by CEN, because the time schedule between approval of New WI and enquiry has been exceeded

Explanation on Timeframe and CEN stage codes:

Stage Code	Description	Maximum timeframe
10.99	Decision on WI proposal (on first pre-working draft)	Sending of TC resolution to CMC - Accepted by ISO/CS – CEN/CMC
20.60	Circulation of 1 st working draft	10.99 + 6 months max.
30.99	Dispatch draft (Enquiry, PQ/UQ), UAP or TC Approval draft to CMC	20.60 + 6 months max.
45.99	Dispatch Formal Vote, parallel Formal Vote to CMC	30.99 + 16 months max.