MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS VOLUME 2 NOTES FOR GUIDANCE ON THE SPECIFICATION FOR HIGHWAY WORKS

ANNEX 1 PUBLICATIONS REFERRED TO IN THE NOTES FOR GUIDANCE

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1.	(05/01) BRITISH STANDARDS		
	(Published by the British Standards Institution) Note: References to British Standards in Table NG 1/1 are not included in this list.	NG Specification	
		Clause/Table/Sample Appendix	
BS 381C	Specification for colours for identification, coding and special purposes	1212 1911 1912 NG Sample Appx 19/4 1912NI NG Sample Appx 19/4SE NG Sample Appx 19/4NI	
BS 434	Bitumen road emulsions (anionic and cationic) (11/09)	NG Sample Appx 7/4	
BS 505: 1971 BS 598	Specification for road traffic signals (AMD 1990, 1976) (05/06) Sampling and examination of bituminous mixtures for roads and other paved areas (11/09)	1217 943	
BS 598-105	Part 105: Methods of test for the determination of texture depth (11/09)	921	
BS 598-110	Part 110: Methods of test for the determination of wheel-tracking rate and depth (11/09)	943	
BS 598-111	Part 111: Method for determination of resistance to permanent deformation bituminous mixtures subject to unconfined uniaxial loading (11/05)	NG Sample Appx 7/3	
BS 709	Methods of destructive testing fusion welded joints and weld metal in steel (05/04)	1310	
BS 812-120	Part 120: Method for testing & classifying drying shrinkage of aggregates in concrete (11/05)	1702	
BS 871	Specification for abrasive papers and cloths (05/17)	1310	
BS 873	Road traffic signs and internally illuminated bollards	1200 1202 1221 1200NI	
BS 873-1	Part 1: Methods of test (11/09)	1202 1203 1214	
BS 873-2	Part 2: Specification for miscellaneous signs (11/05)	1216	

Amendment – November 2021

BS 873-5	Part 5: Specification for internally illuminated signs and external lighting luminaires (11/05)	1202
BS 873-6	Part 6: Specification for retroreflective and non-retroreflective	1202
D3 875-0	signs (11/05)	1202
		1204
BS 873-7	Part 7: Specification for posts and fittings (11/05)	1204
BS 915	Specification for high alumina cement (12/14)	1702
BS 915-2	Part 2: Metric units (12/14)	1702
BS 1377	Methods of test for soils for civil engineering purposes	600
BS 1377-2	Part 2: Classification tests (11/05)	631
BS 1377-3	Part 3: Chemical and electro-chemical tests (11/05)	637
		644
BS 1377-5	Part 5: Compressibility, permeability and durability tests (11/05)	640
BS 1377-6	Part 6: Consolidation and permeability tests in hydraulic cells and with pore pressure measurement (11/05)	640
BS 1707	Specification for hot binder distributors for road surface dressing	919
DG 1722		922
BS 1722	Fences (11/09)	Table NG 1/1 303
		307
BS 1722-16	Part 16: Specification for organic powder coatings to be used as plastics finish to components and mesh (11/09)	Table NG 1/1
BS 1881	Testing concrete (05/04)	
BS 1881-204	Part 204: Recommendations on the use of electromagnetic cover meters (11/05)	1727
BS 1881-205	Part 205: Recommendations for radiography of concrete (11/05)	1727
BS 1924	Stabilized materials for civil engineering purposes (11/09)	1059
BS 2015	Glossary of paint and related terms (05/03)	5007
BS 2499	Hot-applied joint sealant systems for concrete pavements (11/09)	713
BS 2499-1	Part 1: Specification for joint sealants (11/09)	711
BS 3145	Specification for laboratory pH meters	Table NG 16/1
BS 3882	Specification for topsoil	3006
BS 3900	Methods of test for paints	
BS 3900-A10, ISO 3233	Part A10: Tests on liquid paints (excluding chemical tests). Determination of percentage volume of non-volatile matter by measurement of the density of a dried coating (11/09)	5008
BS 3900-C5	Part C5: Determination of film thickness (11/05)	1914
BS 3921	Specification for clay bricks (05/05)	2417 NG Sample Appx 24/1 NG Sample Appx 25/3
BS 3969	Recommendations for turf for general purposes	3005
BS 4027	Specification for sulfate-resisting Portland cement (05/04)	1702 1704
BS 4254	Specification for two-part polysulphide-based sealants	1016
		1017

BS 4449	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification (11/09)	Table NG 1/1
BS 4482	Steel wire for the reinforcement of concrete products. Specification (11/09)	1712 Table NG 1/1 1712
BS 4483	Steel fabric for the reinforcement of concrete. Specification (11/09)	NG Sample Appx 5/3 Table NG 1/1 1712
BS 4486	Specification for hot rolled and hot rolled and processed high tensile alloy bars for the prestressing of concrete (11/09)	Table NG 1/1
BS 4800	Schedule of paint colours for building purposes (11/09)	1911 1912 1912NI NG Sample Appx 19/4
		NG Sample Appx 19/4SE NG Sample Appx 19/4NI 5008 5009 5009NI NG Sample Appx 50/4 NG Sample Appx 50/4SE
BS 5080	Structural fixings in concrete and masonry	403 1305
BS 5228	Code of practice for Noise and vibration control on construction and open sites (05/14)	
BS 5228-1	Part 1: Noise (05/14)	109
BS 5228-2	Part 2: Vibration (05/14)	109
BS 5400	Steel, concrete and composite bridges (11/09)	1612
BS 5400-4	Part 4: Code of practice for design of concrete bridges (12/14)	1602 1603 1610
BS 5400-9.1	Part 9.1: 1983. Code of practice for design of bridge bearings (11/05)	NG Sample Appx 21/1
BS 5400-9.2	Part 9.2: 1983. Specification for materials, manufacture and installation of bridge bearings (11/09)	2101
BS 5489	Code of practice for the design of road lighting (05/06)	
BS 5489-1	Part 1: Lighting of roads and public amenity area (11/09)	NG Sample Appx 14/2
BS 5589	Code of practice for preservation of timber	304
BS 5628	Code of practice for use of masonry (11/09)	2417
BS 5628-1	Part 1: Structural use of unreinforced masonry (11/09)	2404
BS 5628-3	Part 3: Materials and components, design and workmanship (11/05)	2401 2404 2409 2412 2413
		2414
BS 5649	Lighting columns (11/06)	2415

Amendment – November 2021

BS 5649-2	Part 2: 1978 (AMD 3136, 1979). Dimensions and tolerances (11/06)	1309 NG Sample Appx 13/1 NG Sample Appx 13/3 NG Sample Appx 13/7 NG Sample Appx 13/9 Appx 13/1NI
BS 5666	Methods of analysis of wood preservatives and treated timber	
BS 5666-2	Part 2: Qualitative analysis (11/05)	311
BS 5666-3	Part 3: Quantitative analysis of preservatives and treated timer containing copper/chromium/arsenic formulations (11/05)	311
BS 5896	Specification for high tensile steel wire and strand for the prestressing of concrete (11/09)	Table NG 1/1
BS 5930	Code of practice for site investigations (formerly CP 2001)	642
BS 5931	Code of practice for machine laid in situ edge details for paved	
	areas (11/03)	Table NG 1/1 1102 1103
BS 5972	Specification for photoelectric control units for road lighting	1411
BS 5975	Code of practice for temporary works procedures and the permissible stress design of falsework (12/14)	1710
BS 6089	Assessment of in-situ compressive strength in structures and precast concrete components. Complementary guidance to that given in BS EN 13791 (12/14)	1707 1727
BS 6349	Maritime Structures	1606
BS 6472	Human response to vibration in buildings (05/14)	109
BS 6744	Stainless steel bars for the reinforcement of and use in concrete. Requirements and test methods (11/09)	Table NG 1/1
BS 6779	Highway parapets for bridges and other structures (11/05)	
BS 6779-1	Part 1: Specification for vehicle containment parapets of metal construction. 1998 (Amd, No 14290, 21 March 2003) (11/09)	408 Table NG 1/1
BS 6910	Cold pour resin compound and heat-shrink cable joints in the voltage range up to 1000 V a.c. and 1500 V d.c.	
BS 6910-2	Part 2: Code of practice for on-site installation (11/05)	1422
'BS 7079-B8, ISO 8502-8'	Preparation of steel substrates before application of paints and related products. Methods for the assessment of surface cleanliness. Field method for the refractometric determination of	
	moisture (05/05)	1914
		5012
BS 7430	Code of practice for earthing	1420
BS 7533	Pavements constructed with clay, natural stone or concrete pavers (02/21)	1100 1114
BS 7533-8	Part 8: Guide for the structural design of lightly trafficked pavements of precast concrete flags and natural stone flags. (02/21)	1104

BS 7533-12	Part 12: Guide to the structural design of trafficked pavements constructed on a bound base using concrete paving flags and natural	
	stone slabs. (02/21)	1104
BS 7668	Specification for weldable structural steels. Hot finished structural hollow sections in weather resistant steels (11/09)	NG Sample Appx 18/1
BS 7671	Regulations for Electrical Installations. IEE Wiring Regulations (11/09)	Table NG 1/1 1418 1420 1424 1424NI 1512
BS 7818	Specification for pedestrian restraint systems in metal (05/17)	411 NG Sample Appx 4/1
BS 7903:1997	Guide to selection and use of gully tops and manholes covers for installation within the highway (05/06)	507
BS 7973-2	Spacers and chairs for steel reinforcement and their specification. Fixing and application of spacers and chairs and tying of reinforcement (02/21)	1008
BS 8002	Code of practice for earth retaining structures	1615
BS 8004	Code of practice for foundations	1602
		1603
D .C. 0.000		1610
BS 8008	Safety precautions and procedures for the construction and descent of machine-bored shafts for piling and other purposes	1603
BS 8102	Code of practice for protection of structures against water from the ground	1610 1613
BS 8500	Concrete. Complementary British Standard to BS EN 206-1 (05/17)	1701 1704 1707 2602
BS 8500-1	Part 1: Method of specifying and guidance for the specifier (11/09)	1001 1004 1106 1701 1703 1704 1707 NG Sample Appx 17/1 NG Sample Appx 17/5
BS 8500-2	Part 2: Specification for constituent materials and concrete (11/09)	1001 1004 1080 1085 1702 1704 1705 1710 5701 5703

BS 8666	Scheduling dimensioning bending and cutting of steel	
D3 8000	reinforcement for concrete. Specification (12/14)	1713
		Table NG 1/1
		Table NG 17/1
BS 9124	Specification for steel and aluminium access cover systems with	
	over 1m clear opening (11/09)	507
BS 594987	Asphalt for roads and other paved areas. Specification for	
	transport, laying and compaction and type testing protocols (11/09)	903
		904 905
		905
		908
		910
		911
		911TS 911W
		911 W 912
		916
		920
		921
		925 929
		930
		937
		942
		943
		1105
BS EN 40	Lighting Columns	
BS EN 40-3-1	Part 3-1: Design and verification – Specification for characteristic	#NG Sample Appx 13/1
	loads (11/04)	NG Sample Appx 13/1 NI NG Sample Appx 13/2
		NG Sample Appx 13/2 NG Sample Appx 13/8
BS EN 40-5	Part 5: Requirements for steel lighting columns (11/03)	1310
BS EN 40-6	Part 6: Requirements for aluminium lighting columns (11/03)	1310
BS EN 58	Bitumen and bituminous binders. Sampling bituminous	
	binders (11/09)	NG Sample Appx 7/1
		NG Sample Appx 7/1TS
BS EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control	507
BS EN 166	Personal eye protection. Specifications (05/06)	NG Sample Appx 1/20 NI
BS EN 196-1	Methods of testing cement. Determination of strength. (02/21)	Table NG 57/1
BS EN 197	Cement (12/14)	
BS EN 197-1	Part 1: Composition, specification and conformity criteria for	
DS EN 197-1	low heat common cements (12/14)	1702
		1704
BS EN 206	Concrete	1004
		1080
		1085
		NG Sample Appx 57/4

BS EN 206-1	Part 1: Specification, performance, production and conformity (05/17)	1001 1701
		1704 1705
		1705
		1707 1710
BS EN 206-9	Concrete. Additional rules for self-compacting concrete (SCC) (12/14)	1706
BS EN 287	Qualification test of welders. Fusion welding (12/14)	
BS EN 287-1	Part 1: Steels (12/14)	Table NG 1/1
BS EN 335	Hazard classes of wood and wood-based products against biological attack (05/06)	
BS EN 335-1	Part 1: Classification of hazard classes (11/05)	311
BS EN 350	Durability of wood and wood-based products. Natural durability of solid wood (05/06)	
BS EN 350-2	Part 2: Guide to natural durability and treatability of selected wood species of importance in Europe (11/05)	311
BS EN 351	Durability of wood and wood-based products. Preservative treated (05/06)	
BS EN 351-1	Part 1: Classification of preservative penetration and retention (11/05)	311
BS EN 351-2	Part 2: Guidance on sampling for the analysis of preservative treated wood (11/09)	311
BS EN 388	Protective gloves against mechanical risks (05/06)	NG Sample Appx 1/20NI
BS EN 397	Specifcation for industrial safety helmets (11/05)	NG Sample Appx 1/20NI
BS EN 445	Grout for prestressing tendons – Test methods (12/14)	1711
BS EN 446	Grout for prestressing tendons – grouting procedures (12/14)	1711
BS EN 447	Grout for prestressing tendons – basic requirements (12/14)	1711
BS EN 471	Specification for high-visibility warning clothing (05/06)	NG Sample Appx 1/20NI
BS EN 476	General requirements for components used in drains and sewers. (02/21)	518
BS EN 571	Non-destructive testing (05/06)	
BS EN 571-1	Part 1: Penetrant testing – General principles (05/06)	Table NG1/1
BS EN 599	Durability of wood and wood-based products – Performance of preventive wood preservatives as determined by biological tests (05/06)	
BS EN 599-1	Part 1: Specification according to hazard class of preservative- treated wood (11/05)	311
BS EN 727	Plastics piping and ducting systems. Thermoplastics pipes and fittings. Determination of Vicat softening temperature (VST) (05/06)	NG Sample Appx 5/7 Table 1
BS EN 728	Plastics piping and ducting systems. Polyolefin pipes and fittings. Determination of oxidation induction time (11/03)	NG Sample Appx 5/7 Tables 2 and 3
BS EN 743	Plastics piping and ducting systems. Thermoplastics pipes. Determination of the longitudinal reversion (05/06)	NG Sample Appx 5/7 Table 1
BS EN 752	Drain and sewer systems outside buildings (11/03)	

BS EN 763 Plastics piping and ducting systems. Injection-moulded thermoplastics fittings. Test method for visually assessing effects of heating (05%) NG Sample Appx 5/7 Tables 1, 2 and 3 BS EN 771. Specification for masonry units (11/05) 2406 BS EN 771.1 Part 1: Clay masonry units (11/05) 2407 BS EN 771.3 Part 3: Aggregate concrete masonry units (dense and lightweight aggregates) (11/09) 2407 BS EN 772.4 Methods of test for masonry units (11/05) 845 BS EN 772.5 Part 1: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11/05) NG Sample Appx 24/1 BS EN 772.2 Part 2: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11/05) NG Sample Appx 24/1 BS EN 772.2 Part 2: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11/05) NG Sample Appx 5/7 BS EN 973.4 Geotextile-related products: Dynamic performance (cone drop test) (02/16) NG Sample Appx 5/7 BS EN 933.1 Part 1: Determination of particle size distribution – sieving method (11/09) NG Sample Appx 5/7 BS EN 934.2 Part 1: Determination of particle size distribution – sieving method (11/09) NG Sample Appx 24/1 BS EN 934.3 Part 1: Determination of particle size distribution – sieving	BS EN 752-3	Part 3: Planning (11/05)	2505																																																																								
BS EN 771-1 Part 1: Clay masonry units (11.09) 2406 2417 Table NG 1/1 NG Sample Appx 24/1 NG Sample Appx 25/1 BS EN 771-3 Part 3: Aggregate concrete masonry units (dense and lightweight aggregates) (11.09) 2407 NG Sample Appx 24/1 BS EN 772 Methods of test for masonry units (11.05) SG Sample Appx 24/1 BS EN 772-1 Part 1: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11.09) NG Sample Appx 24/1 BS EN 772-2 Part 2: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11.09) NG Sample Appx 24/1 BS EN 918 Geotextiles and geotextile-related products: Dynamic performance (cone drop test) (02/16) NG Sample Appx 5/7 BS EN 922 Plastics piping and ducting systems. Pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U) Specimen preparation for determination of the viscosity number and calculation of the k-value (05/06) NG Sample Appx 5/7 BS EN 933 Tests for geometrical properties of aggregates exonformity, marking and labelling (1109) NG Sample Appx 24/1 BS EN 934- Part 1: Determination of particle size distribution – sieving method (1109) 901 1059 BS EN 934- Part 3: Admixtures for concrete, mortar and grout (05/06) S007 BS EN 971- Part 1: General Terms (05/06) 5007 BS EN 971- <	BS EN 763	thermoplastics fittings. Test method for visually assessing effects																																																																									
24.17 Table NG 1/1 NG Sample Appx 24/1 NG Sample Appx 25/1BS EN 771-3Part 3: Aggregate concrete masonry units (dense and lightweight aggregates) (11.09)2407 NG Sample Appx 24/1BS EN 772Methods of test for masonry units (11.05)2407 NG Sample Appx 24/1BS EN 772-1Part 1: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11.09)NG Sample Appx 24/1BS EN 772-2Part 2: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11.09)NG Sample Appx 24/1BS EN 918Geotextile-sad geotextile-related products - Dynamic performance (cone drop test) (02/16)NG Sample Appx 5/7 Table NG 1/1BS EN 922Plastics piping and ducting systems, Pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U), Specimen preparation for determination of particle size distribution – sieving method (11.09)NG Sample Appx 5/7 Table 1BS EN 933Tests for geometrical properties of aggregates conformity, marking and labelling (11.09)600BS EN 934Admixtures for concrete, mortar and grout (05:06)901 1059BS EN 934Part 1: Determination of particle size distribution – sieving method (11.09)1704BS EN 971Part 1: General Terms ontideling (11.09)1704BS EN 971Part 1: General Terms (05:06)5007BS EN 971Part 1: General Terms ontide finitions for coating materials (05:06)5007BS EN 10108Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water for concrete (11:03)50	BS EN 771	Specification for masonry units (11/05)																																																																									
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Terms and definitions for coating materials (05/06)5007BS EN 971-1Part 1: General Terms (05/06)5007BS EN 1008Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete (11/03)Table NG 1/1BS EN 1011Welding – Recommendations for welding of metallic materialsNG Sample Appx 18/1BS EN 10109Execution of steel structures and aluminium structures. (12/14)NG Sample Appx 18/1 <tr tr=""><tr< td=""><td>BS EN 772</td><td>Methods of test for masonry units (11/05)</td><td></td></tr<></tr> <tr><td>concrete masonry units (by paper indentation) (11/09)2407 Table NG 1/1BS EN 918Geotextiles and geotextile-related products. Dynamic performance (cone drop test) (02/16)NG Sample Appx 6/5BS EN 922Plastics piping and ducting systems. Pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U). Specimen preparation for determination of the viscosity number and calculation of the k-value (05/06)NG Sample Appx 5/7 Table 1BS EN 933Tests for geometrical properties of aggregates600BS EN 933-1Part 1: Determination of particle size distribution – sieving method (11/09)901 1059BS EN 934Admixtures for concrete, mortar and grout (05/06)901 1059BS EN 934-2Part 2: Concrete admixtures – Definitions, requirements, conformity, marking and labelling (11/09)1704BS EN 934-3Part 3: Admixtures for masonry mortar – Definitions, requirements, conformity, marking and labelling (11/09)NG Sample Appx 24/1BS EN 971Paints and varnishes. Terms and definitions for coating materials (05/06)5007BS EN 1008Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete (1/03)Table NG 1/1BS EN 1011Welding – Recommendations for welding of metallic materialsNG Sample Appx 18/1BS EN 1011-3Part 3: Arc welding of stainless steels (12/14)NG Sample Appx 18/1BS EN 10090Execution of steel structures and aluminium structures. (12/14)Semple Appx 18/1</td><td>BS EN 772-1</td><td></td><td>NG Sample Appx 24/1</td></tr> <tr><td>(cone drop test) (02/16)NG Sample Appx 6/5BS EN 922Plastics piping and ducting systems, Pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U), Specimen preparation for determination of the viscosity number and calculation of the k-value (05/06)NG Sample Appx 5/7 Table 1BS EN 933Tests for geometrical properties of aggregates600BS EN 933-1Part 1: Determination of particle size distribution – sieving method (11/09)901 1059BS EN 934Admixtures for concrete, mortar and grout (05/06)901 1059BS EN 934-2Part 2: Concrete admixtures – Definitions, requirements, conformity, marking and labelling (11/05)1704BS EN 934-3Part 3: Admixtures for masonry mortar – Definitions, requirements, conformity, marking and labelling (11/09)NG Sample Appx 24/1BS EN 971Paints and varnishes. Terms and definitions for coating materials (05/06)5007BS EN 1008Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete mdustry, as mixing water for concrete (11/03)Table NG 1/1BS EN 1011Welding – Recommendations for welding of metallic materialsNG Sample Appx 18/1BS EN 1011-3Part 3: Arc welding of stainless steels (12/14)NG Sample Appx 18/1BS EN 1090-1Part 1: Requirements for conformity assessment of structural1800</td><td>BS EN 772-2</td><td></td><td></td></tr> <tr><td>unplasticized poly(vinyl chloride) (PVC-U). 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BS EN 971-1Part 1: General Terms (05/06)5007BS EN 1008Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete (11/03)5007BS EN 1011Welding – Recommendations for welding of metallic materialsTable NG 1/1BS EN 1011-3Part 3: Arc welding of stainless steels (12/14)NG Sample Appx 18/1BS EN 1090Execution of steel structures and aluminium structures. (12/14)1800	BS EN 934-3	Part 3: Admixtures for masonry mortar – Definitions, requirements,																																																																									
BS EN 1008Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete (11/03)Table NG 1/1BS EN 1011Welding – Recommendations for welding of metallic materialsTable NG 1/1BS EN 1011-3Part 3: Arc welding of stainless steels (12/14)NG Sample Appx 18/1BS EN 1090Execution of steel structures and aluminium structures. (12/14)1800	BS EN 971	Paints and varnishes. Terms and definitions for coating materials (05/06)																																																																								
 assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete (11/03) BS EN 1011 Welding – Recommendations for welding of metallic materials BS EN 1011-3 Part 3: Arc welding of stainless steels (12/14) BS EN 1090 Execution of steel structures and aluminium structures. (12/14) BS EN 1090-1 Part 1: Requirements for conformity assessment of structural 	BS EN 971-1	Part 1: General Terms (05/06)	5007																																																																								
BS EN 1011Welding – Recommendations for welding of metallic materialsBS EN 1011-3Part 3: Arc welding of stainless steels (12/14)NG Sample Appx 18/1BS EN 1090Execution of steel structures and aluminium structures. (12/14)NG Sample Appx 18/1BS EN 1090-1Part 1: Requirements for conformity assessment of structural1800	BS EN 1008	assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete																																																																									
BS EN 1011-3Part 3: Arc welding of stainless steels (12/14)NG Sample Appx 18/1BS EN 1090Execution of steel structures and aluminium structures. (12/14)1800BS EN 1090-1Part 1: Requirements for conformity assessment of structural1800			Table NG 1/1																																																																								
BS EN 1090Execution of steel structures and aluminium structures. (12/14)BS EN 1090-1Part 1: Requirements for conformity assessment of structural1800																																																																											
BS EN 1090-1 Part 1: Requirements for conformity assessment of structural 1800			NG Sample Appx 18/1																																																																								
	BS EN 1090-1		1800																																																																								

BS EN 1090-2	Part 2: Technical requirements for steel structures (12/14)	Table NG 1/1 1800 1801 1802 1804 1805 1806 1807 1812 1906
BS EN 1097	Tests for mechanical and physical properties of aggregates (11/05)	
BS EN 1097-2	Part 2. Methods for the determination of resistance to fragmentation (11/05)	1001 1702
BS EN 1097-8	Part 8: Determination of the polished stone value (11/03)	924
BS EN 1179	Specification for zinc and zinc alloys. Primary zinc (05/03)	Table NG 1/1
BS EN 1290	Non-destructive examination of welds. Magnetic particle examination of welds. (12/14)	Table NG 1/1
BS EN 1295	Structural design of buried pipelines under various conditions of loading	Table NG 5/1
BS EN 1295-1	Part 1: General Requirements (11/05)	Table NG 5/1 2505
BS EN 1301	Aluminium and aluminium alloys. Drawn wire (11/09)	
BS EN 1301-1	Part 1: Technical conditions for inspection and delivery (11/09)	Table NG 1/1
BS EN 1317	Road restraint systems (05/04)	401 402
BS EN 1317-1	Part 1: Terminology and general criteria for test methods (11/05)	NG Sample Appx 4/2
BS EN 1317-2	Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers (11/05)	NG Sample Appx 4/2
BS EN 1317-5	Part 5: Product requirements and evaluation of conformity for vehicle restraint systems. (02/21)	401 NG Sample Appx 4/1
BS EN 1320	Destructive tests on welds in metallic materials. Fracture tests (05/04)	402 408
BS EN 1337	Structural Bearings (02/16)	2101 NG Sample Appx 21/1
BS EN 1337-3	Elastomeric Bearings (02/16)	Table NG 1/1
BS EN 1338	Concrete paving blocks-Requirements and test methods (11/04)	1100 1107 NG Sample Appx 11/1
BS EN 1339	Concrete paving flags-Requirements and test methods (11/04)	NG Sample Appx 11/1
BS EN 1340	Concrete kerb units-Requirements and test methods (11/09)	1101 1118 NG Sample Appx 11/1
BS EN 1341	Slabs of natural stone for external paving – Requirements and test methods (11/04)	1104 NG Sample Appx 11/1
BS EN 1344	Clay pavers-Requirements and test methods (11/04)	1108 NG Sample Appx 11/1

BS EN 1367	Tests for thermal and weathering properties of aggregates	
BS EN 1367-4	Part 4: Determination of drying shrinkage (11/05)	1702
BS EN 1418	Welding personnel. Approval testing of welding operators for	1702
D3 L10 1410	fusion welding and resistance weld setters for fully mechanised and automatic welding of metallic materials (12/14)	Table NG 1/1
BS EN 1426	Methods of tests for petroleum and its products. Bitumen and bituminous binders. Determination of needle penetration (11/09)	NG Sample Appx 7/1 NG Sample Appx 7/1TS
BS EN 1433	Drainage channels for vehicular and pedestrian areas. Classification, design and testing requirements, marking and	
	evaluation of conformity (11/04)	NG Sample Appx 5/5 NG Sample Appx 5/6
BS EN 1436	Road Marking materials. Road marking performance for road	
	users	1212 NG Sample Appx 12/3
BS EN 1504	Products and systems for the protection and repair of	110 Sumple reprint 12/5
	concrete structures. Definitions, requirements, quality control	
	and evaluation of conformity (12/14)	1704 1707
		5701
		5705
BS EN 1504-1	Definitions (02/21)	1709 5701
		5701
		5708
		5715 5716
		NG Sample Appx 57/1
		NG Sample Appx 57/3
BS EN 1504-2	Surface protection systems for concrete. (02/21)	5701
BS EN 1504-3	Structural and non-structural repair. (02/21)	5701 5703
		5704
		5705 T-11- NC 57/1
		Table NG 57/1 5708
		5714
		5717 5721
		NG Sample Appx 57/1
BS EN 1504-4	Structural bonding. (02/21)	5701
BS EN 1504-5	Concrete injection. (02/21)	5701
		5703
		5720 NG Sample Appx 57/5
BS EN 1504-6	Anchoring of reinforcing steel bar. (02/21)	5701
		5703
BS EN 1504-7	Reinforcement corrosion protection. (02/21)	5701 5703
BS EN 1504-8	Quality control and assessment and varification of the consistency	5703 5701
DS LIN 1304-8	Quality control and assessment and verification of the consistency of performance (AVCP). (02/21)	5701

BS EN 1504-9	General principals for use of products and systems.	1709 5701 5702 NG Sample Appx 57/1
BS EN 1504-10	Site application of products and systems and quality control of the works. (02/21)	NG Sample Appx 57/5 1709 5701 5702 5705 5709 5711
		5714 5717 5718 5720 5721 NG Sample Appx 57/3
BS EN 1537	Execution of special geotechnical works. Ground anchors (02/16)	624
BS EN 1610	Construction and testing of drains and sewers (11/09)	2506
BS EN 1744	Tests for chemical properties of aggregates (02/16)	
BS EN 1744-1	Chemical analysis (02/16)	Table NG 1/1 644 NG Sample Appx 6/1
BS EN 1790	Road marking materials. Performance road markings	1212
BS EN 1793	Road traffic noise reducing devices – Test method for mining the acoustic performance (05/06)	
BS EN 1793-1	Part 1: Intrinsic characteristic of sound absorption (05/06)	2504 NG Sample Appx 25/4
BS EN 1793-2	Part 2: Intrinsic characteristic of airborne sound insulation (05/06)	2504 NG Sample Appx 25/4
BS EN 1794	Road traffic noise reducing devices. Non-acoustic performance (11/05)	
BS EN 1794-1	Part 1: Mechanical performance and stability requirements (11/05)	2504 NG Sample Appx 25/4
BS EN 1794-2	Part 2: General safety and environmental requirements (11/05)	2504 NG Sample Appx 25/4
BS EN 1796	Plastics piping systems for water supply with or without pressure. Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) (02/21)	NG Sample Appx 5/1 NG Sample Appx 5/2
BS EN 1824	Road marking materials. Road trials (11/09)	1212 Table NG 1/1
BS EN 1992	Eurocode 2. Design of concrete structures. Concrete bridges (12/14)	1701

Volume 2 Notes for Guidance on the Specification for Highway Works		
BS EN	1992-1-1	General rules and rules for buildings (12/14)
BS EN	1992-2	Design and detailing rules (12/14)
BS EN	1993	Eurocode 3. Design of steel structures. (12/1-

DS EN 1992-2	Design and detailing fules (12/14)	1703 1704 1712
BS EN 1993	Eurocode 3. Design of steel structures. (12/14)	1801
BS EN 1993-1-4	General rules – Supplementary rules for stainless steel. (04/21)	1802 1805
BS EN 1993-1-8	Design of joints (12/14)	1808
BS EN 1994	Eurocode 4. Design of composite steel and concrete structures. (12/14)	1801
BS EN 1997	Eurocode 7. Geotechnical design (02/16)	
BS EN 1997-1	General rules (02/16)	624 630
BS EN 1998	Design of structures for Earthquake resistance. (04/21)	1801 1802
BS EN 10025	Hot rolled products of structural steels (11/05)	
BS EN 10025-1	Part 1: General technical delivery conditions (11/09)	1309 Table NG 1/1
BS EN 10025-2	Part 2: Technical delivery conditions for non-alloy structural steels (11/09)	1309 Table NG 1/1
BS EN 10029	Specification for tolerances on dimensions, shape and mass for hot rolled steel plates 3 mm thick or above (11/03)	Table NG 1/1
BS EN 10048	Hot rolled narrow steel strip. Tolerances on dimensions and shape (11/03)	Table NG 1/1
BS EN 10051	Continuously hot-rolled uncoated plate, sheet and strip of non-alloy and alloy steels – Tolerances on dimensions and shape (11/03)	Table NG 1/1
BS EN 10080	Steel for reinforcement of concrete. Weldable reinforcing steel. General. (12/14)	1712
BS EN 10088	Stainless steels (12/14)	NG Sample Appx 18/1
BS EN 10160	Ultrasonic testing of steel flat product of thickness or greater than 6mm (reflection method)	1801
BS EN 10163	Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections. (12/14)	NG Sample Appx 18/1
BS EN 10163-2	Part 2: Plate and wide flats. (04/21)	1805
BS EN 10163-3	Part 3: Sections. (04/21)	1805
BS EN 10210	Hot finished structural hollow sections of non-alloy and fine grain structural steels (11/09)	NG Sample Appx 18/1
BS EN 10223	Steel wire and wire products for fencing and netting (02/16)	

Table NG 17/1

BS EN 10223-3	Hexagonal steel wire mesh products for civil engineering purposes (02/16)	Table NG 1/1
BS EN 10223-8	Welded mesh gabion products (02/16)	Table NG 1/1
BS EN 10244	Steel wire and wire products. Non-ferrous metallic coatings on steel wire (02/16).	
BS EN 10244-2	Zinc or zinc alloy coatings (02/16)	626
BS EN 10245	Steel wire and wire products. Organic coatings on steel wire. (02/16)	626
BS EN 10258	Cold-rolled stainless steel narrow strip and cut lengths – Tolerances on dimensions and shape (11/03)	Table NG 1/1
BS EN 10259	Cold-rolled stainless steel wide strip and plate/sheet. Tolerances on dimensions and shape (11/03)	Table NG 1/1
BS EN 12062	Non-destructive examination of welds. General rules for metallic materials (12/14)	Table NG 1/1
BS EN 12190	Products and systems for the protection and repair of concrete structures. Test methods. Determination of compressive strength of repair mortar. (02/21)	Table NG 57/1
BS EN 12271	Surface dressing. Requirements (11/09)	922
BS EN 12272	Surface dressing – Test methods (11/05)	
BS EN 12272-1	Part 1: Rate of spread and accuracy of spread of binder and Chippings (11/05)	922
BS EN 12272-2	Part 2: Visual Assessment of Defects (11/05)	922
BS EN 12273	Slurry surfacing. Requirements (11/09)	918
BS EN 12274	Slurry Surfacing. Test methods (11/09)	
BS EN 12274-8	Part 8: Visual assessment of defects (11/09)	918
BS EN 12350	Testing fresh concrete (05/04)	1707
BS EN 12350-7	Part 7: Air content – Pressure methods (11/05)	1707 Table NG 57/1
BS EN 12368	Traffic control equipment – signal heads (08/03)	1217
BS EN 12390	Testing hardened concrete (05/04)	1707
BS EN 12390-1	Part 1: Shape, dimensions and other requirements for specimens and moulds (11/09)	1004
BS EN 12390-3	Part 3: Compressive strength of test specimens (02/21)	Table NG 57/1
BS EN 12490	Durability of wood and wood-based products. Preservative-treated solid wood. Determination of the penetration and retention of creosote in treated wood	311
BS EN 12591	Bitumen and bituminous binders – Specifications for paving	
20 21 120 1	grade bitumens (11/09)	NG Sample Appx 7/4
BS EN 12593	Methods of test for petroleum and its products. Bitumen and	
_	bituminous binders. Determination of the Fraass breaking point	NG Sample Anny 7/1
	(11/09)	NG Sample Appx 7/1 NG Sample Appx 7/1TS
BS EN 12607	Methods of test for petroleum and its products – Bitumen and	
	bituminous binders (11/09)	

BS EN 12607-1	Part 1: Determination of the resistance to hardening under the influence of heat and air. RTFOT method (11/09)	955 Figure NG 9/1 NG Sample Appx 7/1 NG Sample Appx 7/1TS
BS EN 12620	Aggregates for concrete (11/09)	622 1001 1603 1610 1702 5703
BS EN 12676	Anti-glare systems for roads (05/04)	
BS EN 12676-1	Part 1: Performance and characteristics (05/17)	412
BS EN 12697	Bituminous mixtures – Test methods for hot mix asphalt (11/05)	925
BS EN 12697-22	2 Part 22: Wheel tracking (11/09)	942 943
BS EN 12697-26	5 Part 26: Stiffness (11/09)	929
BS EN 12697-27	7 Sampling (02/21)	942
BS EN 12697-37	Part 37: Hot sand test for the adhesivity of binder on precoated chippings for HRA (11/09)	915
BS EN 12812	Falsework. Performance requirements and general design (12/14)	1710
BS EN 12843	Precast concrete products. Masts and poles (12/14)	1710
BS EN 13036	Road and airfield surface characteristics – Test methods (05/06)	
BS EN 13036-1	Part 1: Measurement of pavement surface macrotexture depth using a volumetric patch technique (11/09)	942
BS EN 13043	Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas (11/03)	901
BS EN 13055	Lightweight aggregates (12/14)	1702
BS EN 13055-1	Part 1: Lightweight aggregates for concrete, mortar and grout (12/14)	1702
BS EN 13074	Bitumen and bituminous binders. Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders. (02/21)	
BS EN 13074-1	Recovery by evaporation. (05/18)	955
BS EN 13108	Bituminous mixtures. Material specifications (11/09)	901 902 911 911TS 925 942
BS EN 13108-1	Part 1: Asphalt concrete (11/09)	929
D O D I 10100-1		930
BS EN 13108-4	Part 4: Hot rolled asphalt (11/09)	915
BS EN 13108-5	Part 5: Stone mastic asphalt (11/09)	937
BS EN 13108-7	Part 7: Porous Asphalt (11/09)	938

BS EN 13108-	Part 20: Type testing (11/09)	902
20		929
		930 937
		943
BS EN 13183	Moisture content of a piece of sawn timber (05/06)	
BS EN 13183-1	Part 1: Determination by oven-dry method (05/06)	311
BS EN 13183-2	Part 2: Determination by electrical method (05/06)	311
		511
BS EN 13201	Road lighting (05/06)	
BS EN 13201-2		
BS EN 13242	Aggregates for unbound and hydraulically bound materials	
	for use in civil engineering work and road construction (11/09)	Table NG 1/1 503
		600
		613
		803
		1051
		1052
		1100
BS EN 13251	Geotextiles and geotextile-related products. Characteristics required	
	for use in earthworks, foundations and retaining structures (02/16)	607 NG Sample Appy 6/5
DG ENI 12272		NG Sample Appx 6/5
BS EN 13252	Geotextiles and geotextile-related products. Characteristics required for use in drainage systems. (02/21)	515
BS EN 13285	Unbound mixtures – Specification (11/09)	Table NG 1/1
D 5 ER 15265	Shoound mixtures Speementon (Hio)	505
		600
		613
		803
		804 1100
BS EN 13286	Unhound and hydroxylically have deniytures (11/00)	1059
	Unbound and hydraulically bound mixtures (11/09)	1039
BS EN 13286-4	Part 4: Test methods for laboratory reference density and water content. Vibrating hammer (11/09)	804
BS EN 13395	Products and systems for the protection and repair of concrete	
	structures. Test methods. Determination of workability. (02/21)	
BS EN 13395-2	Test for flow of grout or mortar. (02/21)	Table NG 57/1
BS EN 13395-3	Test for flow of repair concrete. (02/21)	Table NG 57/1
BS EN 13501-1	Fire classification of construction products and building elements.	5703
	Classification using data from reaction to fire tests (02/21)	NG Sample Appx 57/1
BS EN 13588	Bitumen and bituminous binders – Determination of cohesion of	918
	bituminous binders with pendulum test. (05/18)	919
		922 955
DO EN 12/22	Dimensional Linder X7 17 (1 Col	733
BS EN 13632	Bitumen and bituminous binders. Visualisation of polymer dispersion in polymer modified bitumen (02/16)	NG Sample Appx 7/1
BS EN 13369	Common rules for precast concrete products (12/14)	1704
DO LIN 15507	common rules for precasi concrete products (12/14)	1704
	~	NG Sample Appx 17/7

BS EN 13670	Execution of concrete structures (12/14)	1701 Table NG 17/1 1704 1707 1710 1711 1713 1724 1725 5714 5717 NG Sample Appx 57/3
BS EN 13391	Mechanical tests for post-tensioning systems (11/09)	Table NG 1/1
BS EN 13422	Vertical road signs. Portable deformable warning devices and delineators. Portable road traffic signs. Cones and cylinders (11/09)	Table NG 1/1
BS EN 13791	Assessment of in-situ compressive strength in structures and pre-cast concrete components (12/14)	1707 1727
BS EN 13808	Bitumen and bituminous binders. Framework for specifying cationic bituminous emulsions. (11/09)	Table NG 9/8 920 Table NG 9/13 955
BS EN 13877	Concrete pavements (11/09)	
BS EN 13877-1:	Part 1: Materials (11/09)	1000 1001 1004
BS EN 13877-2	Part 2: Functional requirements for concrete pavements (11/09)	1000 1001 1003 1004
BS EN 13924	Bitumen and bituminous binders. Specifications for hard paving grade binders (11/09)	NG Sample Appx 7/4 930 955
BS EN 14188	Joint fillers and sealants. Specifications for primers to be used with joint sealants (02/16)	711
BS EN 14227	Hydraulically bound mixtures – Specifications (11/09)	1051 1059
BS EN 14227-1	Part 1: Cement bound granular mixtures for road bases and subbases (11/09)	1051 1054
BS EN 14364	Plastics piping systems for drainage and sewerage with or without pressure. Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP). Specifications for pipes, fittings and joints. (02/21)	NG Sample Appx 5/1 NG Sample Appx 5/1
BS EN 14399	High-strength structural bolting assemblies for preloading (12/14)	1805
BS EN 14487	Sprayed concrete. (02/21)	5701 5717 NG Sample Appx 57/4

BS EN 14555	Welding. Arc stud welding of metallic materials. (12/14)	Table NG 1/1
BS EN 14769	Methods of test for petroleum and its products. Bitumen and bituminous binders. Accelerated long-term ageing conditioning	
	by a pressure vessel (PAV) (11/09)	955
BS EN 14647	Calcium aluminate cement. Composition, specifications and conformity criteria (12/14)	1702
BS EN 14770	Bitumen and bituminous binders. Determination of complex shear modulus and phase angle, Dynamic Shear Rheometer (DSR). (05/18)	918 919 955
BS EN 14844	Precast concrete products. Box culverts (12/14)	1710
BS EN 14889	Fibres for concrete (12/14)	1702
BS EN 15050	Precast concrete products. Bridge elements (12/14)	1710 5701
BS EN 15258	Precast concrete products. Retaining wall elements (12/14)	1710
BS EN 16236	Evaluation of conformity of aggregates. Initial Type Testing and Factory Production Control. (12/14)	1702
BS EN 15167-1	Part 1: Definitions, specifications and conformity criteria (12/14)	1710
BS EN 22063	Metallic and other inorganic coatings. Thermal spraying. Zine, aluminium and their alloys (05/03)	5006
BS EN 45011	General requirements for bodies operating product certification schemes (05/18)	942
BS EN 60529	Specification for degrees of protection provided by enclosures (02/21)	5712
BS EN ISO 527-1	Plastics. Determination of tensile properties General principles (05/06)	NG Sample Appx 5/7 Tables 1, 2 and 3
BS EN ISO 1133	Plastics. Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics (11/06)	NG Sample Appx 5/7 Tables 2 and 3
BS EN ISO 1183-3-3	Plastics. Methods for determining the density of non-cellular plastics. Gas pyknometer method (11/03)	NG Sample Appx 5/7 Tables 1 and 2
BS EN ISO 1461	Hot dip galvanized coatings on fabricated iron and steel articles. Specifications and test methods (12/14)	Table NG 1/1
BS EN ISO 2063	Thermal spraying. Metallic and other inorganic coatings. Zinc, aluminium and their alloys. (12/14)	Table NG 1/1 1904 1907 1910
'BS EN ISO 2808, BS 3900-C5'	Paints and varnishes. Determination of film thickness (11/06)	Table NG 1/1 1914 5012
'BS EN ISO 2811-1, BS 3900-A19'	Paints and varnishes. Determination of destiny. Pyknometer method (11/06)	5009 5009NI
BS EN ISO 2813	Paint and varnishes. Measurement of specular gloss of non-metallic Paint films at 20°, 60° and 85° (05/03)	1911 5008

BS EN ISO 3506	Mechanical properties of corrosion-resistant stainless steel fasteners (05/06)	
BS EN ISO 3834	Quality requirements for fusion welding of metallic materials. (12/14)	1807 NG Sample Appx 18/1
BS EN ISO 4618	Paints and varnishes. Terms and definitions. (12/14)	1911
BS EN ISO 6259	Thermoplastics pipes. Determination of tensile properties General test method (05/06)	NG Sample Appx 5/7 Tables 1, 2 and 3
BS EN ISO 6507	Metallic materials. Vickers hardness test (12/14)	Table NG 1/1
BS EN ISO 8501	Preparation of steel substrates before application of paints and related products. Visual assessment of surface cleanliness (12/14)	
BS EN ISO 8501-1	Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings. (02/21)	5711
BS EN ISO 8501-3	Preparation grades of welds, edges and other areas with surface imperfections (12/14)	1810 NG Sample Appx 18/1
BS EN ISO 8502	Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanness (11/09)	5003 5003NI 5004
'BS EN ISO 8502-4, BS 7079-B4'	Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanness. Guidance in the estimation of the probability of condensation prior to paint application (05/05)	1914 5012
BS EN ISO 8502-8, BS 7079-B8	Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanness. Field method for the refractometric determination of moisture (11/09)	1914 5012
BS EN ISO 8503	Preparation of steel substrates before application of paints and related products. Surface roughness characteristics of blast-cleaned steel substrates. (12/14)	
BS EN ISO 8503-1	Part 1: Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces. (12/14)	1904
BS EN ISO 8503-2	Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel. Comparator procedure (12/14)	1904
BS EN ISO 8504-3 (BS 7079-D3)	Preparation of steel substrates before application of paints and related products. Surface preparation methods. Hand-and power-tool cleaning (11/09)	5003 5003NI
BS EN ISO 9001	Quality management systems – Requirements (05/06)	NG Sample Appx 7/3 NG Sample Appx 7/4 NG Sample Appx 7/7 NG Sample Appx 7/21
BS EN ISO 10319	Geosynthetics. Wide-width tensile test	NG Sample Appx 6/5
BS EN ISO 10684	Fasteners. Hot dip galvanized coatings. (12/14)	Table NG 1/1

BS EN ISO	Geotextiles and geotextile-related products. Determination of water	
11058 DG EN 190	permeability characteristics normal to the plane, without load. (02/16)	NG Sample Appx 6/5
BS EN ISO 11600	Building construction. Jointing products. Classification and requirements for sealants. (02/16)	1016, 1017
BS EN ISO	Geosynthetics. Static puncture test (CBR test)	
12236		NG Sample Appx 6/5
BS EN ISO 12696	Cathodic protection of steel in concrete. (02/21)	5703 5712
12090		5718
		5719
BS EN ISO 12956	Geotextiles and geotextile-related products. Determination of the characteristic opening size (02/16)	NG Sample Appx 6/5
BS EN ISO 14122	Safety of machinery. Permanent means of access to machinery. (02/17)	
BS EN ISO 14122-3	Stairs, stepladders and guard-rails. (02/17)	1110
BS EN ISO 14919	Thermal spraying, Wires, rods and cords for flame and arc spraying. Classification. Technical supply conditions. (12/14)	Table NG 1/1
BS EN ISO 15609-2	Specification and qualification of welding procedures for metallic materials. Welding procedure specification. Gas welding (11/09)	1310
BS EN ISO 15613	Specification and qualification of welding procedures for metallic materials. Qualification based on pre-production welding test (12/14)	Table NG 1/1
BS EN ISO 15614	Specification and qualification of welding procedures for metallic materials. Welding procedure test (11/09)	
BS EN ISO	Part 1: Arc and gas welding of steels and arc welding of nickel	
15614-1	and nickel alloys (11/09)	Table NG 1/1 402
		402
		1310
BS EN ISO	Part 2: Arc welding of aluminium and its alloys (11/09)	1807 408
15614-2	Tart 2. Mie weiding of araminum and its anoys (11/07)	100
BS EN ISO	Steel for the reinforcement and prestressing of concrete. Test methods.	
15630 DG EN 1900	Test methods (12/14)	1718
BS EN ISO 15630-3	Part 3: Prestressing steel (12/14)	1718
BS EN ISO 17636	Non-destructive testing of welds. Radiographic testing. X- and gamma-ray (02/21)	
BS EN ISO 17636-1	Part 1: Techniques with film (02/21)	Table NG 1/1
BS EN ISO 17636-2	Part 2: Techniques with digital detectors (02/21)	Table NG 1/1
BS EN ISO 17640	Non-destructive testing of welds. Ultrasonic testing. Techniques, testing levels, and assessment (02/21)	Table NG 1/1
BS EN ISO	Welding – Welding of reinforcing steel (12/14)	1717
17660		Table NG 1/1
BS EN ISO 17660-1	Part 1: Load-bearing welded joints (12/14)	1717

BS EN ISO 17660-2	Part 2: Non load-bearing welded joints (12/14)	1717
BS EN ISO	Personal protective equipment. Safety footwear (05/06)	NG Sample Appx 1/20NI
	General requirements for the competence of testing and calibration laboratories (05/09)	105
20345 BS EN ISO/IEC		
Amondmont _	November 2021	21





4.	(05/01) EUROPEAN STANDARDS	
	(Including draft standards (prEN))	
		NG Specification Clause/Table/Sample Appendix
EN 1829	High pressure cleaners. High pressure water jet machines. Safety requirements (11/03)	521
EN 1905	Plastics piping and ducting systems. Unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and material. Method of assessing of the PVC content based on total chloride content	NG Sample Appx 5/7 (Table 1)
EN 45002	General criteria for the assessment of testing laboratories (05/04)	1001
DD ENV 1317-4:2002	Road restraint systems. Performance classes, impact test acceptance criteria and test methods for terminals and transitions of safety barrier (05/04)	401 NG Sample Appx 4/2
prEN 10138	Prestressing steels (12/14)	1718
prEN 13286	Unbound and hydraulically bound mixtures. Methods for making test specimens (11/09)	948

5.	(05/01) INTERNATIONAL STANDARDS	
	(Published by the International Organization for Standardization)	
		NG Specification Clause/Table/Sample Appendix
ISO 2808	Paints and vanishes. Determination of the film thickness	1914
ISO 4440	Thermoplastics pipes and fittings. Determination of melt mass-flow rate (11/09)	NG Sample Appx 5/7 (Table 2)
ISO 4451	Polyethylene (PE) pipes and fittings. Determination of reference density of uncoloured and black polyethylenes (11/09)	NG Sample Appx 5/7 (Tables 1, 2 and 3)
ISO 11819	Measurement of the influence of road surfaces on traffic noise	
ISO 11819-1	Part 1: Statistical Pass-by method (05/06)	918
ISO 12091	Structured-wall thermoplastics pipes- Oven test	NG Sample Appx 5/7 (Table 1)



7.	(05/14) UK OVERSEEING ORGANISATIONS PUBLICATIONS PUBLICAT	
	(Published by The Stationery Office or HMSO)	
		NG Specification Clause/Table/Sample Appendix
GD 01	Introduction to the Design Manual for Roads and Bridges (DMRB 0.1.2) (05/14)	000
	Bridges – Standards	
CS 464	Non-destructive Testing of Highway Structures (DMRB 3.1.7) (03/20)	1727
CD 374	The use of Coarse Crushed Concrete Aggregates in Structural Concrete (DMRB 2.3.9) (03/20)	1702
BA 35	Inspection and Repair of Concrete Highway Structures (02/20)	5703 5706 5708 5709 5712
BD 2	Technical Approval of Highway Structures (DMRB 1.1.1) (12/14)	106 NG Sample Appx 1/10 NG Sample Appx 1/11 NG Sample Appx 6/10 1802 NG Sample Appx 25/2 NG Sample Appx 25/4 5702
CG 300	Technical Approval of Highway Structures (DMRB) (04/21)	1802 1807
BD 7	Weathering Steel for Highway Structures (DMRB 2.3.8) (02/03)	2504
CD 361	Weathering Steel for Highway Structures (DMRB) (04/21)	1802 1812
BD 12	Design of Corrugated Steel Buried Structures with Spans Greater than 0.9 metres and up to 8 metres (DMRB 2.2.6) (02/03)	623
BD 20	Bridge Bearings – Use of BS 5400: Part 9: 1983 (DMRB 2.3.1)	2101 NG Sample Appx 21/1
BD 24	Design of Concrete Highway Bridges. Use of BS 5400 : Part 4 : 1990 (DMRB 1.3.1)	1602 1603 1610
BD 26	Design of Lighting Columns (DMRB 2.2.1) (11/09)	1301 1301 NI 1303 #NG Sample Appx 13/1 NG Sample Appx 13/1NI NG Sample Appx 13/2
BD 33	Expansion Joints for Use in Highway Bridge Decks (DMRB 2.3.6)	NG Sample Appx 23/1

BD 35	Quality Assurance Scheme for Paints and Similar Protective Coatings (DMRB 2.4.1) (11/09)	1901 1914
		5008 5012
(BD 47) CD 358	Waterproofing and Surfacing of Concrete Bridge Decks (02/20)	5714
BD 70	Strengthening/Reinforced Soils and other Fills for Retaining Walls and Bridge Abutments (Use of BS 8006 : 1995)	
	(MCHW 2.1.5) (02/03)	622 2502
BD 74	Foundations (DMRB 2.1.8) (11/03)	1602
		1603 1610
BD 83	Design of CCTV Masts (DMRB 2.2.11) (11/03)	#1301 1301 NI
		1303 NG Sample Appx 13/5 NG Sample Appx 13/6
BD 87	Maintenance Painting of Steelwork (DMRB 3.2.2) (05/03)	5012
BD 91	Unreinforced Masonry Bridges (DMRB 2.2.14) (05/05)	2417
CD 372	Design of post-installed anchors and reinforcing bar connections in concrete (03/20)	1729
	Highways – Advice Notes	
HA 40	Determination of Pipe and Bedding Combinations for Drainage	501
	Works (DMRB 4.2.5) (02/03)	501 NG Sample Appx 5/1 2505
HA 41	A Permeameter for Road Drainage Layers (DMRB 4.2)	640
HA 44	Design and Preparation of Contract Documents. (DMRB 4.1.1) (11/09)	605
HA 65	Design Guide for Environmental Barriers (DMRB 10.5.1)	2504
HA 66	Environmental Barriers: Technical Requirements (DMRB 10.5.2)	2504
HA 84	Nature Conservation and Biodiversity (DMRB 10.4.1) (11/09)	3007
CD 527	Sumpless Gullies (DMRB 4.2.3) (05/06)	508
	Highways – Standards	
HD 22 / CD 622	Managing Geotechnical Risk (DMRB 4.1.2) (02/03)	1601 1704
HD 25	Foundations (DMRB 7.2.2) (11/09)	613
HD 26	Pavement Design (DMRB 7.2.3) (11/09)	701
		929 NG Sample Appx 7/1,
		NG Sample Appx 7/1TS
		1000
		1051 1054
CS 228	Skid Resistance (11/09)	507
HD 29	Data for pavement Assessment (DMRB 7.3.2) (11/09)	719

HD 31	Maintenance of Bituminous Roads (DMRB 7.4.1)	#706 926
HD 32	Maintenance of Concrete Roads (DMRB 7.4.2)	#706 5701
HD 36	Surface Materials for New and Maintenance Construction (DMRB 7.5.1) (11/09)	NG Sample Appx 7/7 NG Sample Appx 7/21 918 919 922 924 Table NG 9/24 942 1044
CD 236 HD 37	Surface course materials for construction (07/21) Bituminous Surfacing Materials and Techniques (DMRB 7.5.2) (11/09)	901 NG Sample Appx 7/2 NG Sample Appx 7/3 NG Sample Appx 7/21 919 920 922
HD 38	Concrete Surfacing and Materials (DMRB 7.5.2)	1044
CD 239	Footway and cycleway pavement design (02/21)	1100
CD 521	Hydraulic design of road edge surface water channels and outlets (02/20)	523
LA 113	Road Drainage and the Water Environment (03/20)	1709
	Traffic Engineering – Advice Notes	
TA 60	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2)	#1206 1206NI
TA92	Crossover and Changeover Design (DMRB 8.4.6) (05/14)	117 117NI
	Traffic Engineering – Standards	
CD 377	Requirement for Road Restraint Systems (DMRB 2.2.8) (03/20)	401 412 406 NG Sample Appx 4/1
CD 127	Cross-sections and Headrooms (03/20)	401
TD 33	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2.2) (05/06) Contracts – Advice Notes	1206 1206NI
SA 1	List of Compliant/Approved/Registered Products (MCHW 0.3.1) (11/09)	104
SA 9	Ground Investigation Procedure (MCHW 5.3.2) (11/03)	600 1601

	Contracts – Standards	
SD 13	Documentation Requirements for Ground Investigation Contracts (11/09)	1601
	Design Manual for Roads and Bridges (DMRB). Volume 7 (11/09)	700
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		1000
	Design Manual for Roads and Bridges (DMRB). Volume 8	1301 1301NI
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		3006
	Trunk Road Maintenance Manual Volume 1 (11/09)	3012 2606
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	Traffic Control and Communications – Specifications	
MCH 1022	Testing for Newly Installed Motorway Communications and Power Cables (11/09)	Table NG 1/1
MCH 1055	Testing for Newly Installed Motorway Optical Fibre Communications Cable (Single Mode) (11/09)	Table NG 1/1
MCH 1099	NMCS Non-Armoured Cables: Installed Cable Testing Procedures (11/09)	Table NG 1/1
MCH 1349	NMCS: Maintenance Instruction Motorway and Trunk Roads	
	Technology Operational and Maintenance Requirements of Technology Systems and Equipment (05/06)	1504
		1529
MCH 1540	Specification for the Installation of Detector Loops on Motorways	— 11. 35 <i>—</i> 4/4
	and all Purpose Trunk Roads (11/09)	Table NG 1/1
MCH 2530		1218 125
WICH 2550		NG Sample Appx 1/25
TR 2029	NMCS Inductive Loop Detector Cable (11/09)	Table NG 1/1
TR 2031	NMCS Feder Cable for Inductive Cable Detectors (11/09)	Table NG 1/1
TR 2150	NMCS Non-Armoured Copper Communications Cable (11/09)	Table NG 1/1
TR 2151	NMCS Non-Armoured Optical Fibre Communications Cable (11/09)	Table NG 1/1
TR 2152	NMCS Non-Armoured Coaxial Communications Cable (11/09)	Table NG 1/1
TR 2153	NMCS Non-Armoured Energy Cable (11/09)	Table NG 1/1
TR 2158	NMCS Armoured Copper Communications Cable (11/09)	Table NG 1/1
TR 2159	NMCS Armoured Optical Fibre Communications Cable (11/09)	Table NG 1/1



8.	(05/14) TRANSPORT RESEARCH LABORATORY REPORTS	
	(Published by TRL (formerly TRRL))	
		NG Specification Clause/Table/Sample Appendix
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LR 1094	Pre split blasting for highway rock excavation – G D Matheson, 1983	603
LR 1102	Compaction of bituminous road materials using vibratory rollers – W D Powell and D Leech, 1983 (11/09)	903
PR 113	Advice on integrity testing of piles – A J C Gent and P Darley	1608
RR 45	Winter air temperature in relation to frost damage in roads – P T Sherwood and P G Roe (11/09)	1054
RR 53	Ground vibration caused by civil engineering works – B M New	607
RR 130	Pilot-scale studies of the trafficability of soil by earthmoving vehicles, A W Parsons and A F Toombs	632SE
PR 72	Swelling pressulre of compacted clayey backfill	610
TRL 54	Contractor Report 54, Soil Corrosivity Assessment (02/16)	622
TRL 152	Earth pressures against an experimental retaining wall backfilled with Lias Clay, A H Brookes, D R Carder, P Darley	610
TRL 273	Use and application of the MCA with particular reference to glacial tills – G D Matheson and M G Winter	632SE
TRL 447	Sulfate specification for structural backfills, J M Reid, M A Czerewko and J C Cripps, 2001 (11/09)	Table NG 1/1 601
TRL 494	The Behaviour of Asphalt in Adverse Hot Weather Conditions (11/09)	903
TRL 636	The application of Enrobe a Module Eleve in flexible pavements (11/09)	930
TRL 674	Durability of thin surfacing system, Part 4, Final report after nine years monitoring. (05/18)	942
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9.	(05/14) UK and EU LEGISLATION	
	Construction Products Regulation (EU) No.305/2011 (05/17)	NG Specification Clause/Table/Sample Appendix 000 104 Table NG 1/1 201
		401 600 630
	Constructions Product Directive (89/106/EEC) (05/14)	104
	Low Voltage Directive (2006/95/EEC) (05/14)	104
	Electromagnetic Compatibility Directive (2004/108/EC) (05/14)	104
	Personal Protective Equipment Directive (96/58/EC) (05/14)	104
	Civil Explosives Directive (93/15/EEC) (05/14)	104
	The Town and Country Planning (Control of Advertisements) Regulations 1999	607 110
	The Planning (Control of Advertisements) Regulations (Northern Ireland) 1992	110NI
	The Highways Act 1980	117 1709
	The Roads (Northern Ireland) Order 1980	117NI
	The Roads (Northern Ireland) Order 1993 (03/20)	1709
	The Construction Design and Management Regulations (05/17)	124
		401
	The Traffic Signs Regulations and General Direction 2002 (11/09)	1200 1206 1212 1213 1217 NG Sample Appx 12/1 NG Sample Appx 12/1NAW
	The Road Traffic Regulations 1984 (11/09)	NG Sample Appx 1/27
	Construction (Health, Safety and Welfare) Regulations (1996) (11/03)	521
	Environmental Protection Act 1990 (11/09)	601 1618
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		NG Specification Clause/Table/Sample Appendix
	Government Buying Standards (05/14)	101 102
	Official Journal of the European Union (OJEU) (05/14)	104
	HAUC Code of Practice for Diversionary Works (05/14)	116 NG Sample Appx 1/16
	UK Government Timber Procurement Policy: Criteria for Evaluating Certification Schemes (Category A Evidence) (05/14)	126
	UK Government Timber Procurement Policy: Framework for Evaluating Category B evidence (05/14)	126
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	on Regulations L/23-98	507
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	using_sgvs_675263.pdf	601
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published by the American Concrete Institute	5718
	5719
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