
ANNEX 1

PUBLICATIONS REFERRED TO IN THE NOTES FOR GUIDANCE

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ANNEX 1

PUBLICATIONS REFERRED TO IN THE NOTES FOR GUIDANCE

1. (05/01) **BRITISH STANDARDS**

(Published by the British Standards Institution)

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BS 434	Bitumen road emulsions (anionic and cationic). (05/05)	824
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	Part 108. Methods for determination of the condition of the binder on coated chippings and for measurement of the rate of spread of coated chippings.	915
	Part 110. Methods of test for the determination of wheel-tracking rate and depth.	943
	Part 111. Method for determination of resistance to permanent deformation bituminous mixtures subject to unconfined uniaxial loading.	NG Sample Appx 7/3
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BS 812	Testing aggregates. (05/04)	
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BS 873	Road traffic signs and internally illuminated bollards.	1200 1202 1221 1200NI
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	Part 5. Specification for internally illuminated signs and external lighting luminaires.	1202
	Part 6. Specification for retroreflective and non-retroreflective signs.	1202 1204
	Part 7. Specification for posts and fittings.	1204
BS 882	Specification for aggregates from natural sources for concrete. (11/03)	622
BS 970	Specification for wrought steels for mechanical and allied engineering purposes.	1801
BS 1047	1996. Part 1. Specification for air-cooled blast-furnace slag aggregate for use in construction. (05/04)	801
BS 1199 and BS 1200	Specifications for building sands from natural sources.	1716

BS 1377	Methods of test for soils for civil engineering purposes. Part 2. Classification tests. (11/04)	631
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BS 1881	Testing concrete. (05/04)	
	Part 201. Guide to the use of non-destructive methods of test for hardened concrete.	1727
	Part 204. Recommendations on the use of electromagnetic cover meters.	1727
	Part 205. Recommendations for radiography of concrete.	1727
BS 1924	Stabilized materials for civil engineering purposes. (05/05)	824
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BS 2000	Methods of test for petroleum and its products.	NG Sample Appx 7/1.
BS 2015	Glossary of paint and related terms. (05/03)	1911
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BS 3969	Recommendations for turf for general purposes.	3005
BS 4027	Specification for sulfate-resisting Portland cement. (05/04)	1704
BS 4254	Specification for two-part polysulphide-based sealants.	1016
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BS 4395	Specification for solderable tin or tin-lead coated wires for component terminations.	1801
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BS 4872	Specification for approval of welders when welding procedure is not required.	1800
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	Part 6 : 1999 (Amd. No. 13715, 3 October 2002). Specification for materials and workmanship, steel. (05/04)	1801 NG Sample Appx 18/1
	Part 8 : 1978. Recommendations for materials and workmanship, concrete, reinforcement and prestressing tendons.	1724
	Part 9.1 : 1983. Code of practice for design of bridge bearings.	NG Sample Appx 21/1
	Part 9.2 : 1983. Specification for materials, manufacture and installation of bridge bearings.	2101
	Part 10 : 1980. Code of practice for fatigue.	1717 1801
BS 5467	Specification for armoured cables having thermosetting insulation for 600/1000 V and 1900/3300 V. (11/03)	Table NG 1/1
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BS 5649	Lighting columns.	NG Sample Appx 13/2
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BS 5931	Code of practice for machine laid in situ edge details for paved areas. (11/03)	Table NG 1/1
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BS 6072	Method of magnetic particle flaw detection.	1801
BS 6073	Precast concrete masonry units.	2407 NG Sample Appx 24/1
BS 6089	Guide to the assessment of concrete strength in existing structures.	1004
BS 6349	Maritime Structures.	1606
BS 6779-1	Highway parapets for bridges and other structures. Part 1. Specification for vehicle containment parapets of metal construction. 1998 (Amd. No 14290, 21 March 2003). (05/04)	408
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. Part 2. Code of practice for on-site installation.	1422
BS 6925	Specification for mastic asphalt for building and civil engineering (limestone aggregate).	2005
'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 7123	Specification for metal arc welding of steel for concrete reinforcement.	1717
BS 7282	Field test method for determining the relative protective effectiveness of a wood preservative ground contact. (11/03)	1311
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BS 7668	Specification for weldable structural steels. Hot finished structural hollow sections in weather resistant steels.	NG Sample Appx 18/1
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BS 7818	Specification for pedestrian restraint systems in metal. (05/04)	NG Sample Appx 4/1
BS 7903	1997. Guide to selection and use of gully tops and manholes covers for installation within the highway.	507
BS 8002	Code of practice for earth retaining structures.	1615
BS 8004	Code of practice for foundations.	630 1602 1603 1610

BS 8008	Safety precautions and procedures for the construction and descent of machine-bored shafts for piling and other purposes.	1603
BS 8081	Code of practice for ground anchorages.	624
BS 8102	Code of practice for protection of structures against water from the ground.	1610 1613
BS 8005	Part 1. Guide to new sewerage construction. Part 5. Guide to rehabilitation of sewers.	2505 2505
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BS 8500-2	Concrete. Complementary British Standard to BS EN 206-1. Part 2: Specification for constituent materials and concrete. (05/04)	1001 1701 1704
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BS EN 196	Part 21. 1992. Determination of the chloride, carbon dioxide and alkali content of cement.	1704
BS EN 197-1	Cement. Part 1. Composition, specification and conformity criteria for common cements. (11/04)	813 821

BS EN 206-1	Concrete Part 1: Specification, performance, production and conformity. (11/04)	402 1001 1701 1704 1705 1706 1707
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BS EN 288	Specification and approval of welding procedures for metallic materials.	1801
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BS EN 14 227-4	Hydraulically bound mixtures - Specifications. Part 4: Fly ash for hydraulically bound mixtures. (11/04)	800 810 870
BS EN 14 227-5	Hydraulically bound mixtures - Specifications. Part 5: Hydraulic road binders bound mixtures. (11/04)	800 810 870
BS EN 14 227-10	Hydraulically bound mixtures - Specifications. Part 10: Soil cement and cement stabilized soils. (11/04)	800 810 870
BS EN 14 227-11	Hydraulically bound mixtures - Specifications. Part 11: Soil treated by lime. (11/04)	800 810 870
BS EN 14 227-12	Hydraulically bound mixtures - Specifications. Part 12: Soil treated by slag. (11/04)	800 810 870
BS EN 14 227-13	Hydraulically bound mixtures - Specifications. Part 13: Soil treated by hydraulic road binder. (11/04)	800 810 870
BS EN 14 227-14	Hydraulically bound mixtures - Specifications. Part 14: Soil treated by fly ash. (11/04)	800 810 870
BS EN 22 063	Metallic and other inorganic coatings. Thermal spraying. Zinc, aluminium and their alloys. (05/03)	1904 1907 1910 5006
BS EN 60 651	Specification for sound level matters.	NG Sample Appx 1/9 Notes (iv)
BS EN 60 804	Specification for integrating - averaging sound level meters.	NG Sample Appx 1/9 Notes (iv)
BS EN 60 947	Part 3. Switches, disconnectors, switch-disconnectors and fuse-combination units.	1418
BS EN ISO 527-1	Plastics. Determination of tensile properties. General principles. (11/03)	NG Sample Appx 5/7 Tables 1 and 2
BS EN ISO 1183-3-3	Plastics. Methods for determining the density of non-cellular plastics. Gas pycnometer method. (11/03)	NG Sample Appx 5/7 Tables 1 and 2
BS EN ISO 1856	Flexible cellular polymeric materials. Determination of compression set. (11/03)	Table NG 1/1

BS EN ISO 2440	Flexible and rigid cellular polymeric materials - Accelerated aging tests. (11/03)	Table NG 1/1
'BS EN ISO 2802, BS 3900-C'	Paints and varnishes. Determination of film thickness. (05/05)	1914 5012
'BS EN ISO 2811 BS 3900-A19'	Paints and varnishes. Determination of density. Pycnometer method (05/05)	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 3506-1	Mechanical properties of corrosion-resistant stainless steel fasteners. Part 1: Bolts, screws and studs. (11/03)	Table NG 1/1 1801
BS EN ISO 3506-2	Part 2: Nuts. (11/03)	Table NG 1/1 1801
BS EN ISO 6259	Thermoplastics pipes. Determination of tensile properties. General test method. (11/03)	NG Sample Appx 5/7 Tables 1 and 2
'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 cleanliness. Guidance in the estimation of the probability of condensation prior to paint application. (05/05)	1914 5012
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. (05/03)	5003 5003NI
BS EN ISO 9001	Quality management systems. Requirements. (05/04)	104 Appx 1/24 NG Sample Appx 7/3 NG Sample Appx 7/4 NG Sample Appx 7/7 NG Sample Appx 7/21
BS EN ISO 1133	Plastics. Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics. (11/03)	NG Sample Appx 5/7 Tables 2 and 3
BS ISO 1817	Physical testing of rubber. Determination of the effects of liquids. (11/03)	Table NG 1/1

2. (05/01) **BRITISH STANDARD CODES OF PRACTICE**
(Published by the British Standards Institution)

NG Specification
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Note: Code of practice published under a BS NO. are included in Section 1

CP 312 Code of practice for plastic pipework (thermoplastic materials). 518

3. (05/01) **BRITISH STANDARD DRAFTS FOR DEVELOPMENT (DD)
DOCUMENTS**

(Published by the British Standards Institution)

NG Specification
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NG Sample Appx 7/1
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NG Sample Appx 7/1
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Table NG 1/1

DD 213: 1996 Method for determination of the indirect tensile stiffness modulus of bituminous mixtures. (11/04)

DD 226: 1996 Method of determining resistance to permanent deformation of bituminous mixtures subject to unconfined dynamic loading. (11/04)

DD 232: 1996 Method for determination of the maximum binder content of bituminous mixtures without excessive binder drainage (11/04)

4 (05/01) EUROPEAN STANDARDS (Including draft standards (prEN))		NG Specification Clause/Table/Sample Appendix
EN 727	Plastics piping and ducting systems. Thermoplastics pipes. Determination of Vicat softening temperature (VST).	NG Sample Appx 5/7 (Table 2)
EN 743	Plastics piping and ducting systems. Thermoplastics pipes. Determination of the longitudinal reversion.	NG Sample Appx 5/7 (Table 1)
EN 763	Plastics piping and ducting systems. Injection moulded thermoplastics fittings. Test method for visually assessing effects of heating.	NG Sample Appx 5/7 (Table 1)
EN 922	Plastics piping and ducting systems. Pipes and fittings of unplasticized poly (vinyl chloride) (PVC-U). Specimen preparation and calculation of the K-value.	NG Sample Appx 5/7 (Table 1)
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 45 002	General criteria for the assessment of testing laboratories. (05/04)	1001
EN 45 011	General criteria for certification bodies operating product certification.	104
EN 45 012	General criteria for certification bodies operating quality system certification.	104
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 ISO 3126	Plastics piping systems. Plastic piping components. Measurement and Determination of Dimensions (Document number 00/124147(PR188NO381)).	518
prEN 933-11	Tests for geometrical properties of aggregates - Part 11: Classification test for the constituents of coarse recycled aggregate (11/04)	710
prEN 12 274-8	Slurry Surfacing - Test Methods Part 8: Visual Assessment of Defects.	918
prEN 13 074	Bitumen and Bituminous binders - Recovery of binder from bitumen emulsions by evaporation. (11/03)	923 923 (Table 1)
prEN 13 877-1:	Concrete pavements	1000
(October 2003):	Part 1: Materials for concrete pavements. (05/04)	1001
prEN 13 877-2	Concrete pavements	1000
(January 2002)	Part 2: Functional requirements for concrete pavements. (05/04)	

5. (05/01) INTERNATIONAL STANDARDS

(Published by the International Organization for Standardization)

		NG Specification Clause/Table/Sample Appendix
ISO 527	Plastics. Determination of tensile proportions.	NG Sample Appx 5/7 (Table 3)
ISO 1133	Plastics. Determination of the melt mass rate (MFR) and the melt volume-flow rate (MVR) of thermoplastic.	NG Sample Appx 5/7 (Table 3)
ISO 1183	Plastics. Methods for determining the density and relative density of non-cellular plastics.	NG Sample Appx 5/7
ISO 2808	Paints and vanishes. Determination of the film thickness.	1914
ISO 4440	Thermoplastics pipes and fittings. Determination of melt mass-flow rate.	NG Sample Appx 5/7 (Table 1)
ISO 4451	Polyethylene (PE) pipes and fittings. Determination of reference density of uncoloured and black polyethylenes.	NG Sample Appx 5/7 (Table 1)
ISO 11819	Measurement of the influence of road surfaces on traffic noise Part 1. Statistical Pass-BY method.	918 922
ISO 12091	Structured-wall thermoplastics pipes- Oven test.	NG Sample Appx 5/7 (Table 1)

6.	(05/01) DEPARTMENT OF TRANSPORT; DEPARTMENT OF ENVIRONMENT, TRANSPORT AND THE REGIONS; SCOTTISH DEVELOPMENT DEPARTMENT; THE SCOTTISH OFFICE; WELSH OFFICE, AND DEPARTMENT OF THE ENVIRONMENT FOR NORTHERN IRELAND PUBLICATIONS	
	(Published by The Stationery Office or HMSO)	
		NG Specification Clause/Table/Sample Appendix
	Traffic Signs Manual - Chapter 5.	1212
		1213
	Traffic Signs Manual - Chapter 7.	1202
	Traffic Signs Manual - Chapter 8.	117
		117NI
		NG Sample Appx 1/2
		NG Sample Appx 1/2NI
		1216
	Working Drawings for Traffic Sign Design and Manufacture. (3 Volumes)	1206
		1206NI
	Local Transport Note 2/94: Directional Informationary Signs Interim Design Note.	1202

7. (05/01) UK OVERSEEING ORGANISATIONS PUBLICATIONS INCLUDING THEIR PREDECESSOR'S PUBLICATIONS

(Published by the Stationery Office or HMSO)

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Bridges - Advice Notes

BA 27 Quality Assurance Scheme for Paints and Similar Protective Coatings. (DMRB 2.4.2) (05/03)

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Bridges - Standards

BD 2 Technical Approval of Highway Structures. (DMRB 1.1.1) (05/04)

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NG Sample Appx 1/19
NG Sample Appx 6/10
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NG Sample Appx 13/1
NG Sample Appx 25/2
NG Sample Appx 25/4

BD 7 Weathering Steel for Highway Structures. (DMRB 2.3.8) (02/03)

2504

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)

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BD 26 Design of Lighting Columns. (DMRB 2.2.1) (11/03)

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1301 NI
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NG Sample Appx 13/1NI
NG Sample Appx 13/2
NG Sample Appx 13/1NI

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) (05/05)

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BD 52 The Design of Highway Bridge Parapets. (DMRB 2.3.3)

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NG Sample Appx 22/1

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)

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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 88	Design of Cantilever Masts for Traffic Signals and/or Speed Cameras. (DMRB 2.2.13) (11/03)	#1301 1301 NI 1303 NG Sample Appx 13/7
BD 91	Unreinforced Masonry Bridges (DMRB 2.2.14). (05/05)	2417
Highways - Advice Notes		
HA 40	Determination of Pipe and Bedding Combinations for Drainage 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	Earthworks : Design and Preparation of Contract Documents. (DMRB 4.1.1)	605 NG Sample Appx 6/1
HA 65	Design Guide for Environmental Barriers. (DMRB 10.5.1)	2504
HA 66	Environmental Barriers : Technical Requirements. (DMRB 10.5.2)	2504
Highways - Standards		
HD 22	Managing Geotechnical Risk. (DMRB 4.1.2) (02/03)	1601 1704
HD 25	Pavement Design and Maintenance: Foundations. (DMRB 7.2.2) (05/04)	613 801
HD 26	Pavement Design. (DMRB 7.2.3) (11/04)	701 819
HD 27	Pavement Design and Maintenance: Pavement Construction Methods. (DMRB 7.2.4)	938
HD 35	Technical Information. (DMRB 7.1.2) (11/04)	800
HD 36	Pavement Design and Maintenance: Skidding Resistance. (DMRB 7.5.1) (05/04)	NG Sample Appx 7/1 NG Sample Appx 7/3 NG Sample Appx 7/7 NG Sample Appx 7/21 901 918 919 922 924 Table NG 9/22 942 1044

HD 31	Maintenance of Bituminous Roads. (DMRB 7.4.1)	#706 926
HD 32	Maintenance of Concrete Roads. (DMRB 7.4.2)	#706
HD 37	Bituminous Surfacing Materials and Techniques. (DMRB 7.5.2)	NG Sample Appx 7/2 NG Sample Appx 7/3 NG Sample Appx 7/21 920 919 922
HD 38	Concrete Surfacing and Materials (DRMB 7.5.2)	1044
Traffic Engineering - Advice Notes		
TA 60	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads. (DMRB 8.2)	1206 1206NI
TA 61	Currency of the Traffic Signs Manual. (DMRB 8.2.2)	117 117NI
TA 63	Convoy Working (DMRB 8.4.5)	117 117NI
TA 64	Narrow lane and tidal flow operations on motorways and dual carriageway trunk roads with full width hard shoulders. (DMRB 8.4.3)	117 117NI
Traffic Engineering - Standards		
TD 33	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads. (DMRB 8.2)	1206 1206NI
TD 49	The Mobile Lane Closure Technique for Use on Motorway and Other Dual Carriageway Trunk Roads. (DMRB 8.4.4) (11/03)	117 117NI
Contracts - Advice Notes		
SA 1	List of Approved/Registered Products. (MCHW 0.3.1)	104 1901
SA 2	Assessing Equivalence. (MCHW 0.3.2).	104
SA 3	Testing in Highway Construction Contracts. (MCHW 0.3.3)	000 105
SA 9	Ground Investigation Procedure. (MCHW 5.3.2) (11/03)	600 1601

Contracts - Standards		
SD 4	Procedures for Adoption of Proprietary Manufactured Structures. (MCHW 0.2.4)	106
SD 10	Construction (Design and Management) Regulations 1994 : Requirements for Health and Safety File (MCHW 6.1.11). (02/03)	000 600 605 1200 1200NI 1301 1302 1301NI 2606NI
SD 13	Documentation Requirements for Ground Investigation Contracts. (11/03)	1601
	Design Manual for Roads and Bridges (DMRB). Volume 7 (05/05)	700 824 900 948
	Design Manual for Roads and Bridges (DMRB). Volume 8	1301 1301NI
	Design Manual for Roads and Bridges (DMRB). Volume 10	1301 3006 3007 3012
	Trunk Road Maintenance Manual Volume 1.	NG Sample Appx 1/20 NG Sample Appx 1/20NI 2606
	WO Trunk Road Management and Maintenance Notice 2/86.	2606

8.

(05/01) **HIGHWAYS AGENCY (TSS DIVISION) PUBLICATIONS**
(Published by the Highways Agency. E-mail: tss_plans_registry@highways.gsi.gov.uk) (02/03)

	Traffic Control and Communications - Specifications	
MCH 1349	Maintenance and Operational Requirements for New Systems and Equipment. (02/03)	1525 1529
MCH 1454	Transmission Standards and Procedures.	1507
MCH 1540	Specification for the Installation of Detector Loops on Motorways and all Purpose Trunk Roads.	1218
MCH 1593	Maintenance Instruction - Changes to Communication Infrastructure.	1525 1527
MCH 1596	NMCS: Site Data Procedures.	1525

9. (05/01) TRANSPORT RESEARCH LABORATORY REPORTS

(Published by TRL (formerly TRRL))

		NG Specification Clause/Table/Sample Appendix
LR 346	Selection of materials for sub-surface drains - R Spalding.	505 515
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.	901
PR 78	Tests for voids and compaction in rolled asphalt surfacing - M E Daines.	943
PR 113	Advice on integrity testing of piles - A J C Gent and P Darley.	1608
RR 4	Cooling of bituminous layers and time available for their compaction - M E Daines.	901
RR 45	Winter air temperature in relation to frost damage in roads - P T Sherwood and P G Roe (11/04)	814
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
SR 717	Standards of compaction of dense roadbase macadam - W D Powell and D Leech.	901 929
SR 754	Nuclear gauges for measuring the density of roadbase macadam : report of a working party, 1982.	929
PR 72	Swelling pressure of compacted clayey backfill.	610
TRL 152	Earth pressures against an experimental retaining wall backfilled with Lias Clay, A H Brookes, D R Carder, P Darley.	610
TRL 216	Road haunches : a guide to re-usable materials, J Porter, 1996. (05/05)	824 948
TRL 273	Use and application of the MCA with particular reference to glacial tills - G D Matheson and M G Winter.	632SE
TRL 386	Design guide and specification for structural maintenance of highway pavements by cold in-situ recycling, Milton and Earland, 1999. (05/05)	824 948

TRL 447	Sulfate specification for structural backfills, J M Reid, M A Czerewko and J C Cripps, 2001. (11/03)	Table NG 1/1 601 643 644 NG Sample Appx 6/1 801 801 NI 901 1001 1035 1704
	Road Note 39 (Fifth Edition). Design Guide for Road Surface Dressing. Road Research Laboratory TRL Limited. JC Nicholls (11/03)	NG Sample Appx 7/3 NG Sample Appx 7/21 919 922
TRL 611	A Guide to the use and specification of cold recycled materials for the maintenance of road pavement - D Nerrill M E Nunn and I Carswell (11/04)	816
TRL 615	Development of a More Versatile Approach to Flexible and Flexible Composite Pavement Design (11/04)	810 819
PA 3287/97	Repeated load test with vacuum confinement - M Nunn.	952
Road Note	Design Guide for Road surface dressing (11/04)	919

10. (05/01) ACTS AND STATUTORY INSTRUMENTS

NG Specification Clause/Table/Sample Appendix

The Town and Country Planning (Control of Advertisements) Regulations 1999.	110
The Highways Act 1980.	117
The Highway Code 1993.	NG Sample Appx 1/17
The Motor Vehicle Construction and Use Regulations.	NG Sample Appx 1/20
The Road Transport Act.	NG Sample Appx 1/20
The Road Traffic Act 1991.	NG Sample Appx 1/20 NG Sample Appx 1/26
The Road Traffic (Northern Ireland) Order 1981.	NG Sample Appx 1/20NI
The Road Traffic (Northern Ireland) Order 1995.	NG Sample Appx 1/20NI
The Road Vehicles Lighting Regulations 1989.	NG Sample Appx 1/20
Road Vehicles Lighting Regulations (Northern Ireland) 2000.	NG Sample Appx 1/2NI NG Sample Appx 1/20NI
The New Roads and Street Works Act 1991.	706
The Electricity at Work Regulations 1989.	1424
The Traffic Signs Regulations and General Direction 2002. (08/03)	NG Sample Appx 1/2 1200 1212 1213 NG Sample Appx 12/1 NG Sample Appx 12/1NAW
The Planning (Control of Advertisements) Regulations (Northern Ireland) 1992.	110NI
The Roads (Northern Ireland) Order 1980.	117NI
Motor Vehicles (Construction and Use) Regulations (Northern Ireland) 1999.	NG Sample Appx 1/20NI
The Electricity at Work Regulations (Northern Ireland) 1991.	1424NI
The Traffic Signs Regulations (Northern Ireland) 1997.	1200NI 1206NI 1212 1213 NG Sample Appx 12/1NI
The Water Act (1989).	1618
The Environmental Protection Acts (1990 and 1995).	1618
HSE Manual Handling Operations Regulations (1992).	1532
The Wildlife and Countryside Act 1981.	3003 3012
The Protection of Badgers Act 1992.	3000
The Habitat Regulations 1994.	3012
The Control of Lead at Work Regulations. (05/03)	5001
The Control of Lead at Work Regulations (Northern Ireland) 2002. (05/03)	5001

The Control of Substances Hazardous to Health Regulations 2002. (05/03)	5003
The Control of Substances Hazardous to Health Regulations (Northern Ireland) 1999. (05/03)	5003NI
Health and Safety at Work Act (1974) (11/03)	521
Construction (Health, Safety and Welfare) Regulations (1996) (11/03)	521
Environmental Protection Act 1990 Part IIA (11/04)	601
Waste and Contaminated Land (Northern Ireland) Order 1997 - Statutory Instrument 1997 No. 2778 (N.I.19) (11/04)	601
PD 6682-2: Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas - Guidance on the use of BS EN 13043 (11/04)	901
AASHTO PP1 - Practice for Accelerated Aging of Asphalt Binder Using Pressurized Aging Vessel (PAV) (11/04)	953

11. (05/01) QUALITY MANAGEMENT SYSTEMS

	NG Specification Clause/Table/Sample Appendix
QA Register (formerly DTI QA Register)	104
United Kingdom Accreditation Service (UKAS)	
National Sector Schemes Documents (08/03)	104 117 117NI
British Standards Institution (BSI)	
Sector Schemes Documents	104
Highway Authorities Product Approval Scheme Certification (HAPAS)	104
European Union of Agrément Directive for Assessment of Anchor Bolts MOAT No. 42	403
Scheme 1 - Manufacture of Fencing Components (05/04)	NG Sample Appx 4/2
Scheme 2 - Supply and Installation of Fences (05/04)	NG Sample Appx 4/2
Scheme 2A - Sector Scheme Document for The Design and/or Supply, Installation and Repair of Fences (05/04)	NG Sample Appx 4/2
Scheme 2B - Sector Scheme Document for Vehicle Restraint Systems (11/04)	Table NG 1/2 NG Sample Appx 4/2
Scheme 4 - Sector Scheme Document for Preservative Treatment of Timber (11/04)	Table NG 1/2
(BWPDA Guidance Note QGN -2)	NG Sample Appx 4/2
Scheme 5 - Bridge Parapets (05/04)	NG Sample Appx 4/2
Scheme 5A - The Manufacture of Parapets for Road Restraint Systems (05/04)	NG Sample Appx 4/2
Scheme 5B - The Installation of Parapets for Road Restraint Systems (05/04)	NG Sample Appx 4/2
Scheme 6 - Lighting Column manufacture, supply and verification (11/04)	Table NG 1/2
Scheme 7 - Application of road marking and road studs (11/04)	Table NG 1/2
Scheme 8 and 10 - Installation and Maintenance of Highway Electrical Equipment (11/04)	Table NG 1/2
Scheme 12A - Static Temporary Traffic Management (11/04)	Table NG 1/2
Scheme 12B - Static Temporary Traffic Management (11/04)	Table NG 1/2
Scheme 12C - Mobile Lane Closures (11/04)	Table NG 1/2
Scheme 13A - Surface Dressing (11/04)	Table NG 1/2
Scheme 14 - Asphalt Production (11/04)	Table NG 1/2
Scheme 15 - Supply of Paving Grade Bitumen (11/04)	Table NG 1/2

12.

(05/01) **BRITISH BOARD OF AGRÉMENT CERTIFICATES**

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British Board of Agrément Certificates (BBA Certificates,
BBA HAPAS Roads and Bridges Certificates, BBA Roads and
Bridges Certificates) (05/05)

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13. (05/01) MISCELLANEOUS

NG Specification Clause/Table/Sample Appendix

The Institution of Civil Engineers (ICE) Conditions of Contracts - Thomas Telford Limited.	000
The speedometer Handbook (Second Edition) issued by Police Scientific Development Branch (PSDB) - Publication No. 27/92.	NG Sample Appx 1/26
Forest Stewardship Council (FSC) The FSC Standards for UK, FSC Standards Group, FSC UK Office, Unit D, Station Building, Llanidloes SY18 6EB Tel: 01686 413 916, Fax: 01686 412 176 Email: hanah@fsc.uk.demon.co.uk (11/02)	304
Standards for fresh concrete - BS EN 206-1 and BS 8500. British Standards Publishing Limited (05/04)	402
Directive for Assessment of Anchor Bolts (MOAT 42). European Union of Agrément.	403 1305
BRE Special Digest SDI. Concrete in aggressive ground. (Published in four parts)	501
Building Research Establishment. August 2001 (11/03)	644 1602 1603 1704 2505
HSE Manual Handling Operations Regulations 1992, Guidance on Regulations L/23-98.	507 518
HSE Booklet HS(G) 47. Avoiding danger from underground services.	NG Sample Appx 5/2
Soil Guideline Values published by DEFRA and the Environment Agency (11/04) http://environment-agency.gov.uk/commondata/105385/guide_to_using_sgvs_675263.pdf	601 NG Sample Appx 6/15
The Institution of Civil Engineers (ICE) Specification for Ground Investigation, Thomas Telford Limited - 1987.	630
PP 5930:2002: Site investigations. A guide for higher education to BS 5930:1999. Code of practice for site investigations. British Standards Publishing Limited (11/03)	642
Specification for the Reinstatement of Openings in Highways. Issued by the Highway Authorities and Utilities Committee.	706
Manual for Maintenance and Repair of Concrete Roads. HMSO, 1986. (Produced jointly by the DOT and the Cement and Concrete Association) (11/03)	706 706 NI 1000

'Quality Protocol for the Production of Aggregates' - Waste and Resources Action Programme is available from WRAP, The Old Academy, 21 Horse Fair, Banbury OX16 0AH. The document is also available on the WRAP website, http://www.wrap.org.uk/ (11/04)	710
The Institution of Petroleum Test Method IP 80.	NG Sample Appx 7/1
PD 6682-6 'Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction - Guidance on the use of BS EN 13242' British Standards Publishing Limited (05/04)	801
The American Society for Testing and Materials Standard ASTM D 2872-88 Test Method for Effect of Heat and Air and a moving film of Asphalt. (11/03)	923
TRRL Mini-Texture Meter Operating/Maintenance Manual (1986). Available from W D M Ltd, Bristol.	921 922
The Institution of Petroleum Test Method IP PM CM/99.	928
The American Society for Testing and Materials Standard ASTM D 2041-91: Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures 1991.	943
Mechanical Construction of Concrete Pavements and Ancillary Works - Concrete Society - Technical Report No. 45.	1000
Design of Concrete Mixes. HMSO, 1988.	1000
A Guide to Concrete Road Construction. HMSO, 1978.	1024
Institution of Lighting Engineers Technical Report 7: 2000 edition. (11/03)	NG Sample Appx 13/4 NG Sample Appx 13/5
Temporary Road Markings: Working Group Findings, dated March 2003 Published by the Highways Agency. (08/03)	1212
Code of Practice for Electrical Safety in Public Lighting Operation - Institution of Lighting Engineers (ILE).	1401
The Institution of Civil Engineers (ICE) Specification for cast-in-situ retaining walls with modifications.	1601
The Institution of Civil Engineers (ICE) Specification for Piling and Embedded Retaining Walls 1996 with modifications.	1601 1608 1609
Tomlinson M J (1986). Foundation Design and Construction.	1602
Hammond A J, Mitchell J M and Lord J A (1980). Design and construction of driven cast in situ piles in stiff fissured clays. Proc. Recent Developments in the Design and Construction of Piles, ICE, pp 157-168.	1602
Fleming W G K (1993). The improvement of pile performance by base grouting. Proc. ICE May 1993 pp 88 - 93.	1603
CIRIA Report PG2. Review of Problems Associated with Construction of Cast-in-Place Concrete piles.	1603

CIRIA Report PG1. A review of Bearing Pile Types. Construction Industry Research & Information Assoc.	1605
CIRIA Report RP408. The Role of Integrity Testing & Other Non-Destructive Testing in the Evaluation of Piled Foundations.	1608
CIRIA Report PG7. Pile Load Testing Procedures.	1609
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