

ANNEX 1
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NOTES FOR GUIDANCE

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ANNEX 1

PUBLICATIONS REFERRED TO IN THE NOTES FOR GUIDANCE

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BS EN 60804	Specification for integrating - averaging sound level meters	NG Sample Appx 1/9 Notes (iv)
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BS EN ISO 898	Mechanical properties of fasteners made of carbon steel and alloy steel (11/09)	Table NG 1/1
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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 1461	Hot dip galvanized coatings on fabricated iron and steel articles. Specifications and test methods (11/09)	Table NG 1/1
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 2808, BS 3900-C5'	Paints and varnishes. Determination of film thickness (11/06)	1914 5012
'BS EN ISO 2811-1, BS 3900-A19'	Paints and varnishes. Determination of destiny. Pycnometer 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)	
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'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 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)	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 15609-2	Specification and qualification of welding procedures for metallic materials. Welding procedure specification. Gas welding (11/09)	1310
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BS ISO 1817	Physical testing of rubber. Determination of the effects of liquids (11/03)	Table NG 1/1

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2. (05/01) BRITISH STANDARD CODES OF PRACTICE
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CP 312 Code of practice for plastic pipework (thermoplastic materials)

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3. (05/01) **BRITISH STANDARD DRAFTS FOR DEVELOPMENT (DD)
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DD 213: 1996	Method for determination of the indirect tensile stiffness modulus of bituminous mixtures (11/09)	948
DD 232: 2005	Method for determination of the maximum binder content of bituminous mixtures without excessive binder drainage (05/06)	Table NG 1/1

4	(05/01) EUROPEAN STANDARDS (Including draft standards (prEN))	NG Specification Clause/Table/Sample Appendix
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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
EN 45011	General requirements for bodies operating product certification systems (05/06)	104
EN 45012	General requirements for bodies operating assessment and certification/registration of quality system (05/06)	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
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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)	918 922
ISO 12091	Structured-wall thermoplastics pipes- Oven test	NG Sample Appx 5/7 (Table 1)

6. (11/09) **PUBLICATIONS OF: DEPARTMENT FOR TRANSPORT; DEPARTMENT FOR ENVIRONMENT FOOD AND RURAL AFFAIRS; SCOTTISH GOVERNMENT; WELSH ASSEMBLY GOVERNMENT; THE DEPARTMENT FOR REGIONAL DEVELOPMENT (NORTHERN IRELAND); AND THEIR PREDECESSORS**

(Published by The Stationery Office or HMSO)

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Traffic Signs Manual - Chapter 5	1212 1213
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Working Drawings for Traffic Sign Design and Manufacture (3 Volumes)	1206 1206NI

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

(Published by The Stationery Office or HMSO)

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Bridges - Standards

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BD 2	Technical Approval of Highway Structures (DMRB 1.1.1) (11/09)	106 NG Sample Appx 1/19 NG Sample Appx 6/10 1710 NG Sample Appx 25/2 NG Sample Appx 25/4
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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 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
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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	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 74	Treatment of Fill and Capping Materials Using Either Lime or Cement or Both (DMRB 4.1.6) (11/09)	840
HA 84	Nature Conservation and Biodiversity (DMRB 10.4.1) (11/09)	3007
HA 105	Sumplex Gullies (DMRB 4.2.3) (05/06)	508
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HD 22	Managing Geotechnical Risk (DMRB 4.1.2) (02/03)	1601 1704
HD 25	Foundations (DMRB 7.2.2) (11/09)	613 801 810 818
HD 26	Pavement Design (DMRB 7.2.3) (11/09)	701 810 818 819 929 NG Sample Appx 7/1, NG Sample Appx 7/1TS
HD 28	Skid Resistance (11/09)	507
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HD 31	Maintenance of Bituminous Roads (DMRB 7.4.1)	#706 926
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HD 35	Conversation and the Use of Secondary and Recycled Materials (DMRB 7.1.2) (05/06)	800

HD 36	Surface Materials for New and Maintenance Construction (DMRB 7.5.1) (11/09)	NG Sample Appx 7/3 NG Sample Appx 7/7 NG Sample Appx 7/21 901 918 919 922 924 Table NG 9/24 942 1044
HD 37	Bituminous Surfacing Materials and Techniques (DMRB 7.5.2) (11/09)	NG Sample Appx 7/2 NG Sample Appx 7/3 NG Sample Appx 7/21 918 919 920 922
HD 38	Concrete Surfacing and Materials (DRMB 7.5.2)	1044
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TA 60	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2)	#1206 1206NI
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TD 19	Requirement for Road Restraint Systems (DMRB 2.2.8) (11/09)	NG Sample Appx 1/26 404 412
TD 33	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2.2) (05/06)	1206 1206NI
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SA 1	List of Compliant/Approved/Registered Products (MCHW 0.3.1) (11/09)	104
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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
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SD 13	Documentation Requirements for Ground Investigation Contracts (11/09)	1601
	Design Manual for Roads and Bridges (DMRB). Volume 7 (11/09)	700 824 900 909 1000
	Design Manual for Roads and Bridges (DMRB). Volume 8	1301 1301NI

Design Manual for Roads and Bridges (DMRB). Volume 9 (11/09)	1301 1301NI
Design Manual for Roads and Bridges (DMRB). Volume 10 (11/09)	1301 1301NI 3004 3006 3012
Trunk Road Maintenance Manual Volume 1 (11/09)	2606
WO Trunk Road Management and Maintenance Notice 2/86	2606

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8. (11/05) HIGHWAYS AGENCY (traffic systems and signing) PUBLICATIONS
(www.tssplansregistry.org) (11/05)

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Traffic Control and Communications - Specifications

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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)	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 (11/09)	Table NG 1/1 1218
MCH 1596	NMCS 2: Site Data Change Procedure Instructions (05/06)	1525
TR 2029	NMCS Inductive Loop Detector Cable (11/09)	Table NG 1/1
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TR 2158	NMCS Armoured Copper Communications Cable (11/09)	Table NG 1/1
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TR 2160	NMCS Armoured Coaxial Communications Cable (11/09)	Table NG 1/1
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9. (05/01) TRANSPORT RESEARCH LABORATORY REPORTS

(Published by TRL (formerly TRRL))

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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 (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)	813
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 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 176	Laboratory tests on high friction surfaces for highways (11/09)	942
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 1/1 601 644 NG Sample Appx 6/1 840
TRL 494	The Behaviour of Asphalt in Adverse Hot Weather Conditions (11/09)	903
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 (11/09)	814 816 820
TRL 636	The application of Enrobe a Module Eleve in flexible pavements (11/09)	930 953
Road Note 39	Design Guide for Road Surface Dressing. J C Nicholls (11/09)	NG Sample Appx 7/3 NG Sample Appx 7/21 919 922

10. (05/01) ACTS AND STATUTORY INSTRUMENTS

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The Planning (Control of Advertisements) Regulations (Northern Ireland) 1992	110NI
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The Roads (Northern Ireland) Order 1980	117NI
The Traffic Signs Regulations and General Direction 2002 (11/09)	NG Sample Appx 1/2 1200 1206 1212 1213 1217 NG Sample Appx 12/1 NG Sample Appx 12/1NAW
Road Vehicles Lighting Regulations (Northern Ireland) 2000 (11/09)	NG Sample Appx 1/20NI
The Highway Code 1993	NG Sample Appx 1/17
The Road Traffic (Northern Ireland) Order 1981	NG Sample Appx 1/20NI
The Road Traffic (Northern Ireland) Order 1995	NG Sample Appx 1/20NI
Motor Vehicles (Construction and Use) Regulations (Northern Ireland) 1999	NG Sample Appx 1/20NI
The Road Traffic Regulations 1984 (11/09)	NG Sample Appx 1/27
Health and Safety at Work etc. Act (1974) (05/06)	521
Construction (Health, Safety and Welfare) Regulations (1996) (11/03)	521
Environmental Protection Act 1990 (11/09)	601 1618
Waste and Contaminated Land (Northern Ireland) Order 1997 - Statutory Instrument 1997 No. 2778 (N.I.19) (11/04)	601
The Special Waste Amendment (Scotland) Regulations 2004 (11/05)	601SE
The Special Waste (Scotland) Regulations 1996 (11/05)	601SE
The New Roads and Street Works Act 1991	706
The Electricity at Work Regulations 1989	1424
The Electricity at Work Regulations (Northern Ireland) 1991	1424NI
The Traffic Signs Regulations (Northern Ireland) 1997 (11/09)	NG Sample Appx 1/2NI 1200NI 1206NI 1212 1213 NG Sample Appx 12/1NI
The Water Act (1989)	1618
HSE Manual Handling Operations Regulations (1992) (11/09)	507 518 1532

The Wildlife and Countryside Act 1981	3003 3012
The Protection of Badgers Act 1992 (11/09)	3003
The Wildlife (Northern Ireland) Order (11/09)	3003
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 (11/09)	1903 5003
The Control of Substances Hazardous to Health Regulations (Northern Ireland) 1999 (11/09)	1903NI 5003NI

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11. (05/01) QUALITY MANAGEMENT SYSTEMS

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British Standards Institution (BSI) Sector Schemes Documents	104
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United Kingdom Accreditation Service (UKAS) National Sector Schemes Documents (08/03)	104 117 117NI
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 for Infrastructure Works (11/09)	Table NG 1/2 NG Sample Appx 4/2
Scheme 2B - Sector Scheme Document for the Supply, Installation and Repair of Vehicle Restraint Systems (11/09)	Table NG 1/2 NG Sample Appx 4/2
Scheme 2C – Sector Scheme Document for the Design, Supply Installation and Repair of Environmental Barriers (Structural) for Infrastructure Works (11/09)	Table NG 1/2
Scheme 4 - Sector Scheme Document for Preservative Treatment of Timber (BWPDA Guidance Note QGN -2) (11/09)	Table NG 1/2
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Scheme 7 - Sector Scheme Document for the Application of Road Marking and Road Studs to Road Surfaces (11/06)	Table NG 1/2
Scheme 8, 9B and 10 - Sector Scheme Document for the Installation and Maintenance of Highway Electrical and/or Highway Electronic Equipment and/or Associated Highway Works (11/06)	Table NG 1/2
Scheme 9A - Sector Scheme Document for the Manufacture of Permanent and/or Temporary Road Traffic Signs (11/06)	Table NG 1/2
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Scheme 12C - Sector Scheme Document for Mobile Lane Closure Traffic Management on Motorways and Dual Carriageways (11/06)	Table NG 1/2
Scheme 12D - Sector Scheme Document for Installation, Maintenance and Removal of Temporary Traffic Management on Rural and Urban Roads (11/06)	Table NG 1/2
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Scheme 14 - Sector Scheme Document for the Quality Management of the Production of Asphalt Production (11/09)	Table NG 1/2 925
Scheme 15 - Sector Scheme Document for the Supply of Paving Grade Bitumen (11/06)	Table NG 1/2
Scheme 16 - Sector Scheme Document for the Laying of Asphalt Mixes (11/06)	Table NG 1/2
Scheme 17 - Sector Scheme Document for Vehicle Recovery at Highways Construction Sites (11/06)	Table NG 1/2
Scheme 18 - Sector Scheme Document for the Environment and Landscaping including Ecology (11/06)	Table NG 1/2
Scheme 19 - Sector Scheme Document for Corrosion Protection of Transportation Infrastructure Assets, 19A: Corrosion Protection of Ferrous Materials by Industrial Coatings (11/06)	Table NG 1/2

12. (05/01) BRITISH BOARD OF AGRÉMENT CERTIFICATES

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British Board of Agrément Certificates (BBA Certificates,
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NG Sample Appx 50/1
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13. (05/01) MISCELLANEOUS

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Appendix**

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The American Society for Testing and Materials Standard ASTM D2628 (Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements. Clause 1016, 1017) (11/09)	Table NG 1/1
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