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**ANNEX 1**  
**PUBLICATIONS REFERRED TO IN THE**  
**NOTES FOR GUIDANCE**

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# ANNEX 1

## PUBLICATIONS REFERRED TO IN THE NOTES FOR GUIDANCE

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BS EN 22063	Metallic and other inorganic coatings. Thermal spraying. Zinc, aluminium and their alloys (05/03)	1904 1907 1910 5006
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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 pycnometer method (11/03)	NG Sample Appx 5/7 Tables 1 and 2
'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)	
BS EN ISO 3506-1	Part 1: Bolts, screws and studs (05/06)	1801
BS EN ISO 3506-2	Part 2: Nuts (11/03)	1801
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 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	Preparation of steel substrates before application of paints and	1914

8502-4, BS 7079-B4'	related products. Test for the assessment of surface cleanness. Guidance in the estimation of the probability of condensation prior to paint application (05/05)	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
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2. (05/01) **BRITISH STANDARD CODES OF PRACTICE**

(Published by the British Standards Institution)

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

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

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DD 213: 1996 Method for determination of the indirect tensile stiffness modulus of bituminous mixtures (11/09)

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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
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 13074	Bitumen and Bituminous binders - Recovery of binder from bitumen emulsions by evaporation (11/09)	955
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)

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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. (05/14) **PUBLICATIONS OF THE DEPARTMENT FOR TRANSPORT AND OTHER GOVERNMENT OFFICES**

(Published by The Stationery Office or HMSO)

	<b>NG Specification Clause/Table/Sample Appendix</b>
Traffic Signs Manual - Chapter 5	1212 1213
Traffic Signs Manual - Chapter 7	1202
Traffic Signs Manual - Chapter 8 (11/09)	117 117NI 120 NG Sample Appx 1/20 1216 NG Sample Appx 12/1 NG Sample Appx 12/1NAW NG Sample Appx 12/1NI
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)		NG Specification Clause/Table/Sample Appendix
GD 01	Introduction to the Design Manual for Roads and Bridges (DMRB 0.1.2) (05/14)	000
<b>Bridges - Standards</b>		
BA 84	Use of Stainless Steel Reinforcement in Highway Structures (DMRB 1.3) (11/09)	1712
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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)	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
<b>Highways - Advice Notes</b>		
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
<b>Highways - Standards</b>		
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
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
HD 35	Conservation 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 (DMRB 7.5.2)	1044
	<b>Traffic Engineering - Advice Notes</b>	
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 (DNRB 8.4.6) (05/14)	117 117NI
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TD 19	Requirement for Road Restraint Systems (DMRB 2.2.8) (11/09)	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 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

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	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
<b>Highways Agency traffic systems and signing Publications</b>		
<b>Traffic Control and Communications - Specifications</b>		
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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
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MCH 1540	Specification for the Installation of Detector Loops on Motorways and all Purpose Trunk Roads (11/09)	Table NG 1/1 1218
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8. (05/14) **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 (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

9. (05/14) **UK and EU LEGISLATION**

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The Planning (Control of Advertisements) Regulations (Northern Ireland) 1992	110NI
The Highways Act 1980	117
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The Traffic Signs Regulations and General Direction 2002 (11/09)	1200 1206 1212 1213 1217 NG Sample Appx 12/1 NG Sample Appx 12/INAW
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)	1200NI 1206NI 1212 1213 NG Sample Appx 12/1NI

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The Wildlife and Countryside Act 1981	3003
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The Habitat Regulations 1994	3012
The Control of Lead at Work Regulations (05/03)	5001
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The Control of Substances Hazardous to Health Regulations 2002 (11/09)	1903
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10. (05/14) **QUALITY MANAGEMENT SYSTEMS**

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Scheme 2A - Sector Scheme Document for the Design and/or Supply, Installation and Repair of Fences for Infrastructure Works (11/09)	NG Sample Appx 4/2
Scheme 2B - Sector Scheme Document for the Supply, Installation and Repair of Vehicle Restraint Systems (11/09)	NG Sample Appx 4/2
Scheme 5A - Sector Scheme Document for the Manufacture of Parapets for Road Restraint Systems (11/09)	NG Sample Appx 4/2
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	UK Government Timber Procurement Policy: Framework for Evaluating Category B evidence (05/14)	126
	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
	IAN 65/05 Design of Vehicle Recovery Operations at Road Works (11/05)	NG Sample Appx 1/20
	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 SD1. Concrete in aggressive ground. (Published in four parts) (11/09)	501
	Building Research Establishment (11/05)	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) <a href="http://environment-agency.gov.uk/commondata/105385/guide_to_using_sgvs_675263.pdf">http://environment-agency.gov.uk/commondata/105385/guide_to_using_sgvs_675263.pdf</a>	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

Concrete Pavement Maintenance Manual, Concrete Society (11/09)	706 706 NI 1000
‘Quality Protocol for the Production of Aggregates’ from Inert Waste – ‘Producers’ Compliance Checklist Waste and Resources Action Programme, available from WRAP, The Old Academy, 21 Horse Fair, Banbury OX16 0AH. The document is also available on the WRAP website, <a href="http://www.wrap.org.uk/">http://www.wrap.org.uk./</a> (11/09)	710
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
CCIP-009 Hydraulically bound Mixtures for Pavements. Concrete Society (11/09)	814 816
BP/16 Stabilisation of sulphate-bearing soils. Britpave (11/09)	840
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PD 6682-2: Aggregates for bituminuous mixtures and surface treatments for roads, airfields and other trafficked areas - Guidance on the use of BS EN 13043 (05/06)	901
IAN 96/07 Guidance on Implementing Results of Research on Bridge Deck Waterproofing (11/09)	903
Road Surface Treatment Association (RSTA) documents (11/09)	919
PD 6689 Surface dressing. Guidance on the use of BS EN 122271. British Standards Publishing Limited (11/09)	919 922
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 (11/09)	955
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Design of Concrete Mixes. HMSO, 1988	1000
A Guide to Concrete Road Construction. HMSO, 1978	1024

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CIRIA Report PG7. Pile Load Testing Procedures	1609
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The Control of Blemishes in Concrete. William Monks - Cement and Concrete Association - 1981 (out of print) (05/03)	1708
Formwork Striking Times - Methods of Assessment. CIRIA (Report No. 67)	1710
Early-age Thermal Crack Control in Concrete. CIRIA (Report No. 91)	1710
Winter Concreting. Cement and Concrete Association	1710
Proposal for a Standard of Acceptance Tests and Verification of Epoxy Bonding Agents for Segmental Construction. Fédération Internationale de le Précontrainte Publication FIP/9/2. Available from British Cement Association (05/02)	1710
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