
**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 ISO 8503	Preparation of steel substrates before application of paints and related products. Surface roughness characteristics of blast-cleaned steel substrates. (12/14)	
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DD 213: 1996 Method for determination of the indirect tensile stiffness modulus
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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**

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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. (05/14) 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
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 (03/20)	5703 5706 5708 5709 5712
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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 47) CD 358	Waterproofing and Surfacing of Concrete Bridge Decks (03/20)	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
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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
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CD 372	Design of post-installed anchors and reinforcing bar connections in concrete (03/20)	1729
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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
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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 1000 1051 1054

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HD 32	Maintenance of Concrete Roads (DMRB 7.4.2)	#706 5701
HD 35	Conversation and the Use of Secondary and Recycled Materials (DMRB 7.1.2) (05/06)	800
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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 7/21 919 920 922
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LA 113	Road Drainage and the Water Environment (03/20)	1709
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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
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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)	1206 1206NI

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	Design Manual for Roads and Bridges (DMRB). Volume 7 (11/09)	700 824 900 909 1000
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	Trunk Road Maintenance Manual Volume 1 (11/09)	2606
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8. (05/14) TRANSPORT RESEARCH LABORATORY REPORTS		
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		NG Specification Clause/Table/Sample Appendix
LR 346	Selection of materials for sub-surface drains – R Spalding	505
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 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 pressure 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 1/1 601 840
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
TRL 674	Durability of thin surfacing system, Part 4, Final report after nine years monitoring. (05/18)	942
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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Construction Products Regulation (EU) No.305/2011 (05/17)	000 104 Table NG 1/1 201 401 600 630
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The Roads (Northern Ireland) Order 1980	117NI
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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
The Water Act (1989)	1618
The Environmental Impact Assessment (Scotland) Regulations 1999 (03/20)	1709
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

10. (05/14) **QUALITY MANAGEMENT SYSTEMS**

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National Highway Sector Schemes Documents (08/03)	104
Scheme 13A – Sector Scheme Document for the Supply and Application of Surface Dressing (11/09)	NG Sample Appx 7/3
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SUPERSEDED

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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
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 1703 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
BSI PD 6694-1 Recommendations for the design of structures subject to traffic loading to BS EN 1997-1 (02/16)	630
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, http://www.wrap.org.uk/ (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
BSI PD6691 Guidance on the use of BS EN 13108 Bituminous mixtures. Material specifications. British Standards Publishing Limited (11/09)	901 902 909 911 911TS 911W 915 929 Table NG 9/25 930 937 Table NG 9/27 943 NG Sample Appx 7/1
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 (05/06)	901 1704
IAN 96/07 Guidance on Implementing Results of Research on Bridge Deck Waterproofing (11/09)	903
Road Surface Treatment Association (RSTA) documents (11/09)	922
Code of Practice for Slurry Surfacing Incorporating Microsurfacing, RSTA & ADEPT (05/18)	918
The Service Life of Surface Treatments for Asset Management Purposes, RSTA & ADEPT (05/18)	918 922 924
Code of Practice for High Friction Surfacing, RSTA & ADEPT (05/18)	924

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
Mechanical Construction of Concrete Pavements and Ancillary Works – Concrete Society – Technical Report No. 45	1000 1024
Design of Concrete Mixes. HMSO, 1988	1000
A Guide to Concrete Road Construction. HMSO, 1978	1024
Britpave Guide to Roller Compacted Concrete Pavements, BP/55 (03/20)	1051 1055
Concrete Centre document CCIP-009	1055
Temporary Road Markings: Working Group Findings, dated March 2003 Published by the Highways Agency (08/03)	1212
Institution of Lighting Engineers Technical Report 7: 2000 edition (11/03)	NG Sample Appx 13/4 NG Sample Appx 13/5
Code of Practice for Electrical Safety in Highway Electrical Operation – Institution of Lighting Engineers (ILE) (05/06)	1401
MPI-21-012014 Major Project Instruction – Requirement and Guidance for new schemes to perform a metal theft risk assessment. (02/17)	1502
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
Specification for steel sheet piling. Federation of Piling Specialists	1615
Comfield G M (1989). Steel Bearing Piles	1615

API Recommended Practice 13B-1. Standard Procedure for Field Testing Water-based Drilling Fluids. American Petroleum Institute 1990	Table NG 16/1 1618
CIRIA Report PB3. The Use & Influence of Bentonite in Bore Pile Construction	1618
Hutchinson M T, Daw G P, Shotton P G, James A N (1975). The Properties of Bentonite Slurries Used in Diaphragm Walls and their Control. Proc. Diaphragm walls and anchorages, ICE, pp 33-40	1618
Concrete Bridge Development Group Technical Guide 6 'High strength concrete in bridge construction' (12/14)	1702 1727
PD 6682: Aggregates (12/14)	1702
Part 1: Aggregates for concrete – Guidance on the use of BS EN 12620 (12/14)	1702
Part 4: Lightweight aggregates for concrete, mortar and grout – Guidance on the use of BS EN 13055-1 (12/14)	1702
Concrete Society Technical Reports 63 'Guidance for the design of steel-fibre-reinforced concrete' (12/14)	1702
Concrete Society Technical Reports 65 'Guidance on the use of macro-synthetic-fibre-reinforced concrete' (12/14)	1702
Concrete Society Technical Reports 61 'Enhancing reinforced concrete durability' (12/14)	1704
BRE Digest 330. Alkali – silica reaction in concrete, Parts 1-4 (1997)	1704
The Thaumassite form of sulfate attack: Risks, diagnosis, remedial works and guidance on new construction. DTER 1999 (11/03)	1704
CIRIA Report C660 'Early age thermal crack control in concrete' (12/14)	1704 5711 1710
PD CEN/TR 15739 'Precast Concrete Products – Concrete Finishes – Identification' (12/14)	1707
Appearance Matters 3 The Control of Blemishes in Concrete. William Monks – Cement and Concrete Association – 1981 (out of print) (05/03)	1708
Concrete Society Publication 'Concrete on Site 8 – Making good and finishing' (12/14)	1708
Concrete Bridge Development Group Current Practice Sheet No. 10 'Controlled Permeability Formwork' (03/20)	1710
Concrete Society Publications CS 030 'Formwork: a guide to good practice' (12/14)	1710
Concrete Society Publication CS 123 'Checklist for Erecting and Dismantling Falsework' (12/14)	1710
Concrete Society Publication CS 140 'Guide to flat slab falsework and formwork' (12/14)	1710

Concrete Society Publication CS 144 ‘ Checklist for Assembly, Use and Striking of Formwork’ (12/14)	1710
Concrete Society Publication CS 162 – Good concrete guide 6 ‘Slipforming of vertical structures’ (12/14)	1710
Concrete Society Publication CS164 – Good concrete guide 8’ Concrete practice – Guidance on the practical aspects of concreting’ (12/14)	1710
Concrete Society Publication ‘Concrete on Site 11 – Winter Working’ (12/14)	1710
Formwork Striking Times – Methods of Assessment. CIRIA (Report No. 136)	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
American Concrete Institute (ACI) 345.2R (03/20)	1709
Grouting of Tendons in Prestressed Concrete. Fédération Internationale de le Précontrainte Guide to Good Practice. Thomas Telford Ltd	1711
Concrete Society Technical Report TR47 ‘Durable Bonded Post-tensioned Concrete Bridges’ 2nd edition (11/03)	1711
International Federation for Structural Concrete (fib) (Technical Report, Bulletin No. 7) for ‘Corrugated plastic ducts for internal bonded post-tensioning’ (11/03)	1711
Concrete Society Technical Report TR 72 ‘Durable post-tensioned concrete structures’, 2nd edition (12/14)	1710 1711 1724 1725 NG Sample Appx. 17/6
Spacers. The Concrete Society (Report CS 101)	1714
Post – Tensioned Concrete Bridges – Thomas Telford Limited 1999	1727
Testing and Monitoring the Durability of Concrete Structures. Technical Guide No. 2. Cement and Concrete Association	1727
PD 6705-2 Structural use of steel and aluminium. Recommendations for the execution of steel bridges to BS EN 1090-2 (12/14)	1800 1802 1803 1804 1805 1806 1807 1808 1812

PD 6703 Structural bearings. Guidance on the use of structural bearings. (08/14)	1805 2101 NG Sample Appx 21/1
The American Society for Testing and Materials ASTM Standard D 4541 – Type III Standard Test Method for Pull-off Strength of Coatings Using Portable Adhesion Testers (12/14)	Table NG 1/1
The American Society for Testing and Materials ASTM Standard G 62-07 Standard Test Methods for Holiday Detection in Pipeline Coatings (12/14)	Table NG 1/1
Manual of sewer, pumping mains and manholes Foundation for water Research, 1993	2505
Report of the Inquiry into Serious Gas Explosions P J King (Chairman of the Inquiry) & Department of Energy, HMSO, June 1997 (11/09)	2506
The American Society for Testing and Materials ASTM Standard C869/C869M-11 (03/20)	2608
The American Society for Testing and Materials ASTM Standard C796/C796M (03/20)	2608
Model of specification for Control of Japanese Knotweed	3002
Technical Bulletin : Water Restrictions and Watering Specification, The Landscape Institute, 1996	3008
Bird Boxes by Chris de Feu – British Trust for Ornithology	3012
National Plant specification from The Horticulture Trades association	NG Sample Appx 30/6
Guidance for Pollution Prevention (GGPs) (03/20)	5709
Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays and Concrete Repair, ICRI 301.2R:2013 published by the International Concrete Repair Institute (03/20)	5710
EOTA Technical Report TR 29 Design of Bonded Anchors	5711
Electrochemical Tests for Reinforcement Corrosion published by the Concrete Society/Institute of Corrosion	5718
Measurement of Concrete Resistivity for Assessment of Corrosion Severity of Steel using Wenner Technique from the ACI Journal published by the American Concrete Institute	5718 5719 5721
Technical Note 19 of the Corrosion Prevention Association (part of the Structural Concrete Alliance)	5719 5721
Concrete Society Technical Report TR 69 Repair of Concrete Structures with reference to BS EN 1504	5720
RILEM TC-154 Technical Recommendation	5721