
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

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| 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 |
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| 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 |
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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) | |
| 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 |
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| 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 |
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| BS EN ISO 11600 | Building construction. Jointing products. Classification and requirements for sealants. (02/16) | 1016, 1017 |
| BS EN ISO 12236 | Geosynthetics. Static puncture test (CBR test) | NG Sample Appx 6/5 |
| BS EN ISO 12696 | Cathodic protection of steel in concrete. (02/21) | 5703 5712 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) | |
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2. (05/01) **BRITISH STANDARD CODES OF PRACTICE**
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None

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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4. (05/01) EUROPEAN STANDARDS

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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 10138 | Prestressing steels (12/14) | 1718 |
| prEN 13286 | Unbound and hydraulically bound mixtures. Methods for making test specimens (11/09) | 948 |

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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 |
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6. (05/14) **PUBLICATIONS OF THE DEPARTMENT FOR TRANSPORT AND OTHER GOVERNMENT OFFICES**

(Published by The Stationery Office or HMSO)

| | NG Specification Clause/Table/Sample Appendix |
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| Traffic Signs Manual – Chapter 5 | 1212 |
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| Traffic Signs Manual – Chapter 7 | 1202 |
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| | 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 |
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| 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 |

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| 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 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 |
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| 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 | Surface course materials for construction (07/21) | 901 |
| HD 37 | Bituminous Surfacing Materials and Techniques (DMRB 7.5.2) (11/09) | NG Sample Appx 7/3 NG Sample Appx 7/21 919 920 922 |
| HD 38 | Concrete Surfacing and Materials (DMRB 7.5.2) | 1044 |
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| 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) | 1206 1206NI |
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| SA 9 | Ground Investigation Procedure (MCHW 5.3.2) (11/03) | 600 1601 |

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| | Design Manual for Roads and Bridges (DMRB). Volume 7 (11/09) | 700 900 909 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 |
| Highways Agency traffic systems and signing Publications | | |
| 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 and all Purpose Trunk Roads (11/09) | Table NG 1/1 1218 |
| MCH 2530 | | 125 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 |
| TR 2160 | NMCS Armoured Coaxial Communications Cable (11/09) | Table NG 1/1 |

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| TR 2161 | NMCS Armoured Energy Cable (11/09) | Table NG 1/1 |
| TRH 2583 | General Regulation Highways Agency Cables (02/17) | 1506 |

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 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 |
| 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 |
| 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**

| | NG Specification Clause/Table/Sample Appendix |
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| Construction Products Regulation (EU) No.305/2011 (05/17) | 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) | 104 607 |
| The Town and Country Planning (Control of Advertisements) Regulations 1999 | 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 |
| 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 |

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

**NG Specification
Clause/Table/Sample
Appendix**

- National Highway Sector Schemes Documents (08/03)
- Scheme 13A – Sector Scheme Document for the Supply and Application of Surface Dressing (11/09)
- Scheme 13B – Sector Scheme Document for the Supply and Application of Microsurfacing (11/09)

- 104
- NG Sample Appx 7/3
- NG Sample Appx 7/7

11. (05/14) **MISCELLANEOUS**

| | NG Specification Clause/Table/Sample Appendix |
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| 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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| IAN 65/05 Design of Vehicle Recovery Operations at Road Works (11/05) | NG Sample Appx 1/20 |
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| 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 |
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| IAN 96/07 Guidance on Implementing Results of Research on Bridge Deck Waterproofing (11/09) | 903 |
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| Part 4: Lightweight aggregates for concrete, mortar and grout – Guidance on the use of BS EN 13055-1 (12/14) | 1702 |
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