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1. (05/01) **BRITISH STANDARDS** (Published by The British Standards Institution)

| | | Specification Clause/Table/ Appendix |
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| BS 65 | Specification for vitrified clay pipes, fittings and ducts, also flexible mechanical joints for use solely with surface water pipes and fittings | Table 5/1 Table 5/2 504 Appx B |
| BS 76 | Specification for tars for road purposes | 2004 |
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| BS 434 | Bitumen road emulsions (anionic and cationic) | |
| BS 434-2 | Bitumen road emulsions. Code of practice for the use of cationic bitumen emulsions on roads and other paved areas (11/08) | 920 948 |
| BS 437 | Specification for cast iron spigot and socket drain pipes and fittings | Table 5/1 504 Appx B |
| BS 505 | 1971. Specification for road traffic signals (AMD 1990, 1976) (11/08) | 1217 |
| BS 594 | Hot rolled asphalt for roads and other paved areas | |
| BS 594-1 | Part 1: Specification for constituent materials and asphalt mixtures (11/08) | 2003 |
| BS 594-2 | Part 2: Specification for the transport, laying and compaction of rolled asphalt (11/08) | Appx A |
| BS 598 | Sampling and examination of bituminous mixtures for roads and other paved areas | |
| BS 598-102 | Part 102: Analytical test methods (11/08) | 807 947 |
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| BS 812 | Testing Aggregate (11/05) | |
| BS 812-104 | Part 104: Method for qualitative and quantitative petrographic examination of aggregates (11/05) | Appx G |
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| BS 970 | Specification for wrought steels for mechanical and allied engineering purposes | |
| BS 970-1 | Part 1: General inspection and testing procedures and specific requirements for carbon, carbon manganese, alloy and stainless steels (11/08) | 507 1307 1311 1532 2506 |
| BS 1052 | Specification for mild steel wire for general engineering purposes | 626 |
| BS 1088 | Marine plywood (05/06) | |
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| BS 1202 | Specification for nails. (Parts 1 to 3) | 305 |
| BS 1214 | Specification for hessian sandbags and rot-proofed hessian sandbags (11/03) | 519 |
| BS 1305 | Specification for batch type concrete mixers (11/04) | 1602 |
| BS 1361 | Specification for cartridge fuses for a.c. circuits in domestic and similar premises | 1416 |
| BS 1377 | Methods of test for soils for civil engineering purposes | |
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| BS 1449 | Steel plate, sheet and strip (05/04) | |
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| BS 1722-8 | Part 8: Specification for mild steel (low carbon steel) continuous bar fences and hurdles (05/06) | Appx A |
| BS 1722-9 | Part 9: Specification for mild steel (low carbon steel) fences with round or square verticals and flat posts and flat horizontals (05/06) | Appx A |
| BS 1722-10 | Part 10: Specification for anti-intruder fences in chain link and welded mesh (05/06) | Appx A |
| BS 1722-11 | Part 11: Specification for prefabricated wood panel fences (05/06) | Appx A |
| BS 1722-12 | Part 12: Specification for steel palisade fences (11/05) | Appx A |
| BS 1722-13 | Part 13: Chain link fences for tennis court surrounds (11/05) | Appx A |
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| BS 1722-16 | Part 16: Specification for organic powder coatings to be used as a plastics finish to components and mesh (11/05) | 2604 Appx A |
| BS 1722-17 | Part 17: Specification for electric security fences. Design, Installation and maintenance (11/08) | Appx A |
| BS 1881 | Testing concrete | |
| BS 1881-124 | Part 124: Methods for analysis of hardened concrete (11/05) | 1001 |
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| BS 2499-2 | Part 2: Code of practice for the application and use of joint sealants (11/05) | 1016 |
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| BS 4482 | Steel wire for the reinforcement of concrete products. Specification (05/06) | 1008 1712 Appx B |
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| BS 4486 | Specification for hot rolled and processed high tensile alloy steel bars for the prestressing of concrete (11/08) | 1718 Appx A Appx B |
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| BS 5400-9 | Part 9: Section 9.2: 1983. Specification for materials, manufacture and installation of bridge bearings (11/05) | 2101 2104 |
| BS 5467 | Specification for armoured electric cables having thermosetting insulation $600/1000~V$ and $1900/3300~V$ (02/03) | 1421 Appx B |
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| BS 7654 | Specification for single phase street lighting fuses (cut-outs) for low voltage public electricity distribution systems. 25A rating for highway power supplies and street furniture | 1416 |
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| BS 7668 | Weldable structural steels. Hot finished structural hollow sections in weather resistant steels. Specification (11/08) | 1803 (Pages 36, 37 and 38) |
| BS 7669 | Vehicle restraint systems | |
| BS 7669-3 | Part 3: Guide to the installation, inspection and repair of safety fences (11/05) | Appx A |
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| BS EN ISO 9967 BS 2782-11: Method 1114A | Thermoplastics pipes. Determination of creep ratio (05/06) | Table 5/9 |
| BS EN ISO 9969 | Thermoplastics pipes. Determination of ring stiffness (05/06) | Table 5/9 |
| BS 2782-11: Method 1114B | Thermoplastics pipes. Determination of fing stiffless (03/00) | TAULE 3/7 |
| BS EN ISO 10319 | Geotextiles - Wide-width tensile test (11/08) | 514 |
| | | |

| 'BS EN ISO 11124-2 BS 7079-E2' | , Preparation of steel substrates before application of paints and related products. Part 2: Specifications for metallic blast-cleaning abrasives Chilled-iron grit (11/06) | 1903 5003 |
|--------------------------------------|--|--|
| 'BS EN ISO 11124-3 BS 7079-E3' | , Preparation of steel substrates before application of paints and related products. Specifications for metallic blast-cleaning abrasives. Part 3: High-carbon cast-steel shot and grit (05/06) | 1903 5003 |
| 'BS EN ISO 11126-3 BS 7079-F3' | , Preparation of steel substrates before application of paints and related products. Specification for non-metallic blast cleaning abrasives. Part 3: Copper refinery slag (11/08) | 1903 5003 |
| BS EN ISO 11126-6 BS 7079-F6:1994 | Preparation of steel substrates before application of paints and related products. Specifications for non-metallic blast-cleaning abrasives. Iron furnace slag (11/08) | 1903 |
| BS EN ISO 11126-7 | Preparation of steel substrates before application of paints and related products. Specifications for non-metallic blast-cleaning abrasives. Part 7: Specifications for fused aluminium oxide (11/06) | 1903 5003 |
| BS EN ISO 12236 | Geotextiles and geotextile-related products. Static puncture test (CBR-Test) (11/03) | 514 |
| BS EN ISO 13000 | Plastics. Polytetrafluoroethylene (PTFE) semi-finished products (11/03) | |
| BS EN ISO 13000-1 | Part 1: Requirements and designation (11/03) | 2104 |
| BS EN ISO 15607 | Specification and qualification of welding procedures for metallic materials. General Rules (11/08) | 402 1310 1606 1803 (Pages 36, 37 and 38) |
| BS EN ISO 15609 | Specification and qualification of welding procedures for metallic materials. Welding procedure specification (11/05) | |
| BS EN ISO 15609-1 | Part 1: Arc welding (11/08) | 402 1310 1606 1803 (Pages 36, 37 and 38) |
| BS EN ISO 15613 | Specification and qualification of welding procedures for metallic materials. Qualification based on pre-production welding test (11/08) | 402 1606 |
| BS EN ISO 15614 | Specification and qualification of welding procedures for metallic materials. Welding procedure test (11/05) | |
| BS EN ISO 15614-1 | Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (11/08) | 402 1310 1606 1803 (Pages 36, 37 and 38) |
| BS EN 1SO 15614-2 | Part 2: Arc welding of aluminium and its alloys (11/05) | 402 1310 |
| BS EN ISO/IEC 17025 | General requirements for the competence of testing and calibration laboratories (05/09) | 105 870 |

| BS EN ISO 20345 | Personal protectives equipment. Safety footwear (11/05) | 120 |
|-----------------|---|-------------------------|
| BS ISO 1817 | Physical testing of rubber. Determination of the effects of liquids (11/03) | 1017 |
| BS ISO 11 922 | Thermoplastics pipes for the conveyance of fluids (11/05) | |
| BS ISO 11 922-1 | Part 1: Dimensions and tolerances. Metric series (11/05) | Table 5/9 Table 5/10 |

2. (05/01) BRITISH STANDARD DRAFTS FOR DEVELOPMENT (DD) DOCUMENTS (Published by The British Standards Institution)

Specification Clause/Table/ Appendix

None

3. (05/01) EUROPEAN STANDARDS

| | | Specification Clause/Table/ Appendix |
|---------------------------|--|--|
| prEN 14770 | Bitumen and bituminous binders - Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (11/08) | Table 9/6 |
| prEN 14771 | Bitumen and bituminous binders - Determination of the flexural creep stiffness - Bending Beam Rheometer (BBR) (11/08) | Table 9/6 |
| DD ENV 1317-4: 2002 | Road restraint systems. Performance classes, impact test acceptance criteria and test methods for terminals and transitions of safty barriers (11/08) | 401 408 |
| DD ENV ISO 8502-1:2001 | Preparation of steel substrates before application of paints and related products. Tests for the assessment of surface cleanliness. Field test for soluble iron corrosion products (05/05) | 1902 |



4. (05/01) INTERNATIONAL STANDARDS

(Published by the International Organization for Standardization)

| | | Specification Clause/Table/ Appendix |
|--------------|---|--|
| ISO 209 | Wrought aluminium and aluminium alloys - Clemical composition and forms of products (11/05) | |
| ISO 209-1 | Part 1: Chemical composition (11/05) | 1909 5005 |
| ISO 752 | Zinc ingots (05/03) | 1909 5005 |
| ISO 898-2 | Mechanical properties of fasteners Part 2: Nuts with specified proof load values Coarse thread (11/08) | 501 |
| ISO 2859-1 | Sampling procedures for inspection by attributes Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection (11/08) | 311 |
| ISO 4200 | Plain end steel tubes, welded and seamless General tables of dimensions and masses per unit length (11/08) | 1309 |
| ISO 4892 | Plastics (11/08) | 626 |
| ISO 11126-10 | Preparation of steel substrates before application of paints and related products. Specifications for non-metallic blast-cleaning abrasives Part 10: Almandite garnet (11/08) | 1903 5003 |
| ISO 13967 | Thermoplastics fittings - Determination of ring stiffness (11/03) | Table 5/10 |

(05/01) DEPARTMENT OF TRANSPORT; DEPARTMENT OF ENVIRONMENT, TRANSPORT AND 5. THE REGIONS; SCOTTISH DEVELOPMENT DEPARTMENT; THE SCOTTISH OFFICE; WELSH OFFICE; AND DEPARTMENT OF THE ENVIRONMENT FOR NORTHERN IRELAND **PUBLICATIONS**

(Published by The Stationery Office (formerly HMSO)) (02/03)

| | | Specification Clause/Table/ Appendix |
|------|---|--|
| (i) | Traffic Signs Manual | 1216 |
| , | Chapter 1. Introduction 1977 | 1208 |
| | Chapter 7. The Design of Traffic Signs 1997 | 1216 |
| | Chapter 8. Traffic Safety Measures and Signs for Road Works | #117 |
| | and Temporary Situations (11/06) | 117NI |
| | | 1216 |
| (ii) | Working Drawings for Traffic Sign Design and Manufacture | 1216 |
| ` / | (Volumes 1, 2 and 3) (11/08) | 1201 |



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6. (05/01) UK OVERSEEING ORGANISATIONS PUBLICATIONS INCLUDING THEIR PREDECESSOR'S PUBLICATIONS

(Published by The Stationery Office or HMSO)

| | (| | Specification Clause/Table Appendix |
|--------|-------------|---|---|
| | Bridges - A | Advice Notes | |
| (i) | BA 35 | Inspection and Repair of Concrete Highway Structures. (DMRB 3.3.2). (Not applicable for use in Scotland Northern Ireland addendum applicable for use in Northern Ireland) (05/05) | 1714 |
| | Bridges - S | Standards | |
| (ii) | BD 12 | Design of Corrugated Steel Buried Structures with Spans not greater than 0.9 metres and up to 8.0 metres (DMRB 2.2.6) (11/08) | 2501 Table 25/1 |
| (iii) | BD 13 | Design of Steel Bridges. Use of BS 5400: Part 3: 2000 (DMRB 1.3.14) (11/08) | 408 |
| (iv) | BD 26 | Design of Lighting Columns. (DMRB 2.2.1) (11/08) | 1207 #1301 1301NI 1302 1306 Appx A |
| (v) | BD 33 | Expansion Joints for Use in Highway Bridge Decks (DMRB 2.3.6) (11/08) | 2301 |
| (vi) | BD 35 | Quality Assurance Scheme for Paints and Similar Protective Coatings. (DMRB 2.4.1) (11/08) | 1221 1901 1911 Table19/1 5001 5007 5008 Table 50/1 |
| (vii) | BD 37 | Loads for Highway Bridges (DMRB 1.3.14) (05/05) | 408 |
| (viii) | BD 68 | Crib Retaining Walls. (DMRB 2.1.3) (05/05) | 625 |
| (ix) | BD 70 | Strengthening/Reinforced Soils and Other Fills for Retaining Walls and Bridge Abutments. Use of BS 8006: 1995, Incorporating Amendment No 1 (Issue 2 March 1999) (DMRB 2.1.5) (05/06) | 2502 |
| (x) | BD 83 | Design of CCTV Masts (DMRB 2.2.11) (11/08) | 1302 1306 |
| (xi) | BD 87 | Maintenance of Painting of Steelwork (DMRB 3.2.2) (05/05) | 5001 |
| (xii) | BD 88 | Design of Cantilever Masts for Traffic Signals and/or Speed Cameras (DMRB 2.2.13) (05/05) | #1301 1301NI 1302 1312 |

| (xiii) | BD 91 | Unreinforced Masonry Bridges (DMRB 2.2. | 14) (11/08) | 2503 |
|--------|----------|--|-------------|--------------------------|
| | Highways | - Standards (05/05) | | |
| (xiv) | TD 19 | Requirements for Road Restraint Systems (DMRB 2.2.8) (11/06) | | 306 401 406 407 |

7. (11/05) **HIGHWAYS AGENCY (traffic systems and signing) PUBLICATIONS** (www.tssplansregistry.org) (11/05)

| | | | Specification Clause/Table/ Appendix |
|---------|-------------|--|--|
| | Traffic Cor | atrol and Communications - Specifications | |
| (i) | TR 0102 | Traffic Signals and Traffic Signal Equipment (05/04) | 1217 |
| (ii) | TR 2017 | Single Mode Fibre Optic and Copper Communications Cable (05/04) | 1506 |
| (iii) | TR 2029 | NMCS Inductive Loop Detector Cable (05/06) | 1506 |
| (iv) | TR 2031 | NMCS Feeder Cable for Inductive Loop (05/06) | 1506 |
| (v) | TR 2150 | NMCS Non-Armoured Copper Communications Cable (05/04) | 1506 1513 1518 |
| (vi) | TR 2151 | NMCS Non-Armoured Optical Fibre Communications Cable (05/04) | 1506 1518 |
| (vii) | TR 2152 | NMCS Non-Armoured Coaxial Communications Cable (05/04) | 1506 1518 |
| (viii) | TR 2153 | NMCS Non-Armoured Energy Cable (05/04) | 1506 1516 1518 |
| (ix) | TR 2158 | NMCS Armoured Copper Communications Cable (05/04) | 1506 1518 |
| (x) | TR 2159 | NMCS Armoured Optical Fibre Communications Cable (11/08) | 1518 |
| (xi) | TR 2160 | NMCS Armoured Coaxial Communications Cable (05/04) | 1506 1518 |
| (xii) | TR 2161 | NMCS Armoured Energy Cable (05/04) | 1506 1516 1518 |
| (xiii) | TRG 0500 | Type Approval of Equipment (05/04) | 1217 |
| (xiv) | MCE 2183 | Ducted Cable Network Cable Joint Enclosure Specification (05/04) | 1514 |
| (xv) | MCG 1022 | Testing for Newly Installed Motorway Communications and Power Cables (05/04) | 1506 1518 |
| (xvi) | MCG 1055 | Testing for Newly Installed Motorway Optical Fibre Communications Cable (Single Mode) (05/04) | 1506 1518 |
| (xvii) | MCG 1099 | NMCS Non-Armoured Cables: Installed Cable Testing Procedures (05/04) | 1518 |
| (xviii) | MCH 1540 | Specification for the Installation of Detector Loops on Motorways and All Purpose Trunk Roads (05/04 | 1218 |
| (xix) | MCH 1260 | Requisition for Equipment - Central Stores - Supply (05/04) | 1505 |
| (xx) | MCH 1286 | Request for Financial Approval (Standard and Non-Standard Schemes) and Bulk Purchase Equipment Order (05/04) | 1505 |

8. (05/01) TRANSPORT RESEARCH LABORATORY REPORTS

(Published by TRL (formerly TRRL) and by The *Stationery Office (formerly HMSO))

| | | | Specification Clause/Table/ Appendix |
|-------|--------|--|--|
| (i) | CR54 | Soil corrosivity assessment - D Eyre and D A Lewis | Table 6/3 |
| (ii) | TRL273 | Use and application of the MCA with particular reference to glacial tills - G D Matheson and M G Winter.1997 | 632SE |
| (iii) | TRL447 | Sulfate specification for structural backfills - J M Reid, M A Czerewko and J C Cripps (05/09) | 503 505 #601 601NI 614 615 643 644 Table 6/1 Table 6/3 footnote 801 840 2403 2406 2417 2503 2601 2602 |

9. (05/01) ACTS AND STATUTORY INSTRUMENTS

| | Specification Clause/Table/ Appendix |
|---|--|
| Construction Products Directive (89/106/EEC) (11/04) | #104 104NI |
| Note: The 'Essential Requirements' are reproduced in Schedule 2 of The Construction Products Regulations. 1991 | |
| The Traffic Signs Regulations and General Directions. 2002 (11/08) | #104 #117 120 1201 1212 1213 1214 1215 1216 1201NAW Appx D |
| The Traffic Signs Regulations (Northern Ireland) 1997 | 104NI 117NI 1201NI 1212NI 1213NI 1214 1215 1216 |
| The Zebra, Pelican and Puffin Pedestrian Crossings Regulations (Northern Ireland) 2008 (11/06) | 104NI 1201NI |
| The 'Pelican' Pedestrian Crossings Regulations (Northern Ireland) 1989 | 104NI 1201NI |
| The 'Zebra, Pelican and Puffin' Pedestrian Crossings Regulations and General Directions. 1997 (11/04) | #104 #1201 1201NAW |
| Personal Protective Equipment Directive (89/686/EEC) (11/04) | #117 117NI |
| Road Vehicle (Construction and Use) Regulations (11/05) | 120 |
| Road Vehicle Lighting Regulations (11/05) | 120 |
| Road Transport Act and Road Traffic Act (11/05) | 120 |
| Environmental Protection Act 1990 Part IIA (11/05) | #601 601SE |
| Hazardous Waste (England and Wales) Regulations 2005 (11/05) | #601 |
| Special Waste Scotland (Amendment) Regulations 2004 (11/05) | 601SE |
| Radioactive Substances Act 1993 (11/05) | #601 601SE 601NI |
| Waste and Contaminated Land (Northern Ireland) Order 1997 - Statutory Instrument 1997 No. 2778 (N.I.19) (11/05) | 601NI |

| The Hazardous Waste Regulations (Northern Ireland) 2005 (11/05) | 601NI |
|--|--------------|
| The Construction (General Provisions) Regulations. 1961 | 607 |
| The Construction (General Provisions) Regulations (Northern Ireland) 1963 | 607NI |
| The Traffic Signs (Welsh and English Language Provisions) Regulations and General Directions. 1985 | 1201NAW |
| The Electricity at Work Regulations. 1989 (11/08) | 1401 1402 |
| The Electricity at Work Regulations (Northern Ireland) 1991 | 1401NI |
| Wildlife and Countryside Act 1981 (11/08) | 3003 |
| Wildlife (Northern Ireland) Order (11/08) | 3003 |
| Protection of Badgers Act 1992 | 3003 |
| | |

10. (05/01) QUALITY MANAGEMENT SCHEMES PUBLICATIONS

Specification Clause/Table/ Appendix

(i) (05/04) UNITED KINGDOM ACCREDITATION SERVICE (UKAS) SECTOR SCHEMES DOCUMENTS PUBLICATIONS They can also be accessed from UKAS web site (http://www.ukas.com/information_centre/publications.asp)

| (===================================== | _ · · · · · · · · · · · · · · · · · · · | |
|--|---|--------|
| Scheme 2 | Supply and Installation of Fences (05/04) | Appx A |
| Scheme 2A | Sector Scheme Document for the Design and/or Supply, Installation and Repair of Fences for Infrastructure Works (11/06) | Appx A |
| Scheme 2B | Sector Scheme Document for the Supply, Installation, Maintenance and Repair of Road Restraint Systems (11/08) | Appx A |
| Scheme 2C | Sector Scheme Document for the Design Supply, Installation and Repair of Environmental Barriers (Structural) for Infrastructure Works (11/06) | Appx A |
| Scheme 4 | Sector Scheme Document for Preservative Treatment of Timber (BWPDA Guidance Note QGN -2) | Appx A |
| Scheme 5 | Bridge Parapets (05/04) | Appx A |
| Scheme 5A | Sector Scheme Document for the Manufacture of Parapets for Road Restraint Systems (11/06) | Appx A |
| Scheme 5B | Sector Scheme Document for the Installation of Parapets for Road Restraint Systems (11/06) | Appx A |
| Scheme 6 | Sector Scheme Document for the Manufacture and Verification of Lighting Columns (11/06) | Appx A |
| Scheme 7 | Sector Scheme Document for the Application of Road Marking Materials and Road Studs to Road Surfaces (11/06) | Appx A |
| Schemes 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) | Appx A |
| Scheme 9A | Sector Scheme for the Manufacture of Permanent and/or Temporary Road Traffic Signs (11/06) | Appx A |
| Scheme 12 | Temporary Traffic Management | |
| Scheme 12A/B | Sector Scheme Document for Static Temporary Traffic Management on Motorways and High Speed Dual Carriageways Including On-line Widening Schemes (11/08) | Appx A |
| Scheme 12C | Sector Scheme Document for Mobile Lane Closure Traffic Management on Motorways and Dual Carriageways (11/06) | Appx A |
| Scheme 12D | Sector Scheme Document for Installing, Maintaining and Removing Temporary Traffic Management on Rural and Urban Roads (05/06) | Appx A |
| Scheme 13A | Sector Scheme Document for the Supply and Application of Surface Dressings to Road Surfaces (11/06) | Appx A |
| Scheme 13B | Sector Scheme Document for the Supply and Application of Microsurfacing (05/04) | Appx A |
| Scheme 14 | Sector Scheme Document for the Quality Management of the Production of Asphalt Mixes (11/06) | Appx A |

| Scheme 15 | Sector Scheme Document for the Supply of Paving Bitumens (11/08) | Appx A |
|------------|---|--------|
| Scheme 16 | Sector Scheme Document for the Laying of Asphalt Mixes (11/06) | Appx A |
| Scheme 17 | Sector Scheme Document for Vehicle Recovery at Highway Construction Sites (05/06) | Appx A |
| Scheme 17B | Sector Scheme Document for Vehicle Recovery and Removal on Controlled Roads (11/08) | Аррх А |
| Scheme 18 | Sector Scheme Document for the Environment and Landscape including Ecology (11/06) | Appx A |
| Scheme 19 | Corrosion Protection of Transportation Infrastructure Assets, 19A: Corrosion Protection of Ferrous Materials by Industrial Coatings (05/06) | Appx A |
| Scheme 20 | Sector Scheme Document for the Execution of Steelwork in Transportation Infrastructure Assets (11/08) | Appx A |
| Scheme 22 | Sector Scheme Document for the Management, Operation, Installation and Maintenance of Road Tunnels (11/08) | Appx A |

LLOYD'S REGISTER QUALITY ASSURANCE LIMITED (LRQA) PUBLICATIONS (ii)

Manufacture of Fencing Components (QSS 32042) Scheme 1 Appx A

UK CERTIFICATION AUTHORITY FOR REINFORCIONG STEELS (CARES) PUBLICATION (iii)

Supply and Installation of Post-Tensioning Systems in Concrete Scheme 11 Appx A

Structures (11/08)

Scheme 11 Schedule PT2 (a)i and PT2 (a)ii (11/08) Appx A

11. (05/01) BRITISH BOARD OF AGRÉMENT CERTIFICATES:

| ISH BUARD OF AGREMENT CERTIFICATES: | |
|--|--|
| | Specification Clause/Table/ Appendix |
| Available from the British Board of Agrément, PO Box No. 195, Bucknalls Lane, Garston, 195 Bucknalls Lane, Garston, Watford, Herts, WD25 9BA | |
| Telephone: + 44 (0) 1923 665300 Facsimile: + 44 (0) 1923 665301 E Mail: mail@bba.star.co.uk | |
| (a) Agrément Certificates | 1001 |
| (b) Roads and Bridges Certificates (11/08) | 1017 #104 104NI 501 #508 508NI 514 515 518 1530 1716 2003 2005 2501 2502 |
| (c) HAPAS-Roads and Bridges Certificates (11/08) | Appx C 000 Table 0/1 711 901 902 919 920 922 924 942 943 946 950 |

12. (05/01) MISCELLANEOUS

| | Specification Clause/Table/ Appendix |
|--|--|
| Code of Practice on Health and Safety for Vehicle Recovery Operations Published by the Association of Vehicle Recovery Operators (11/05) | #117 117NI 120 |
| Guidance for Safer Temporary Traffic Management issued jointly by the Highways Agency, CSS (formerly County Surveyors Society), and the Health and Safety Executive. Hard copies available from TRL Ltd. Digital copy is available on the Highways Agency website Guidance for Safer Temporary Traffic Management - Issued 2002 (http://www.highways.gov.uk/aboutus/corpdocs/gstt_may_02/index.htm) (11/05) | #117 117NI |
| PAS 43:2002: Safe working of vehicle breakdown and recovery operators. Management system specification Published by the British Standards Institution (11/05) | 120 Appx A |
| Regulation 65 on Special Warning Lamps - Road Vehicle Lighting Regulations and the United Nations Economic Commission for Europe (UNECE) (11/05) | 120 |
| The American Association of State Highway and Transportation Officials Standard ASHTO M36M-01: Specification for Metallic (Zinc or Aluminium) Coated Corrugated Steel Culverts and Underdrains. 1989 (11/05) | Table 5/1 |
| The American Association of State Highway and Transportation Officials Standard M190-95 (2000): Specification for Bituminous Coated Corrugated Metal Culvert Pipe and Pipe Arches. 1980 (11/05) | 501 |
| The American Association of State Highway and Transportation Officials Standard M274-87 (2004): Interim Specification for Steel Sheet Aluminous Coatings for Corrugated Steel Pipes. 1987 (05/06) | 501 |
| The American Society for Testing and Materials ASTM Standard D4533 - 91 (1996) (11/05) | 514 |
| National Joint Utilities Group Publication Guidelines on the Positioning and Colour Coding of Utilities' Apparatus (11/06) | 518 1421 1530 |
| Maps of the British Geological Survey (11/05) | 601 |
| Maps of the Geological Survey of Northern Ireland (11/05) | 601NI |
| SSD Application Guide No. 1 (revised 1989). Printed and Published by the Scottish Development Department (11/05) | 632SE |
| Specification for the Reinstatement of Openings in Highways. Issued by the Highway Authorities and Utilities Committee (11/05) | 706 1043 |
| 'Quality Control - Production of Recycled Aggregates' Published by Waste and Resources Action Programme (WRAP), The Old Academy, 21 Horse Fair, Banbury, OX16 0AH. The document is also available on the WRAP website: http://www.wrap.org.uk (11/05) | 710 |
| BSI PD 6691 Guidance on the use of BS EN 13108 Bituminous mixtures (11/08) | 901 |

| Material specifications. British Standards Institution publication (11/08) | 902 904 |
|--|----------------------------|
| | 905 |
| | 906 909 |
| | 910 |
| | 911 |
| | 911TS 912 |
| | 914 |
| | 915 916 |
| | 929 |
| | 930 937 |
| | 943 |
| | 1105 |
| BSI PD 6682-2 Aggregates. Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications. Guidance on the use of BS EN 13055-2. British Standards Institution publication. (11/08) | 901 909 911 911TS |
| Guideline Document for the Assessment and Certification of High Friction Surface for Highways - British Board of Agrément (11/05) | 924 |
| Baumgaertel, M and Winter, H.H., 'Determination of discrete relaxation and retardation time spectra from dynamic mechanical data', Rheol Acta 28:511-519 (1989) (11/08) | 956 |
| The American Society for Testing and Materials ASTM Standard D2628-91 (2005): Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements. 1998 (11/06) | 1017 |
| Department of Housing and Construction, Commonwealth of Australia, Standard Specifications RA SS 106 and MT RA 100 (11/05) | 1017 |
| The American Iron and Steel Institute (AISI) Specification: Standard Steels (11/05) | 1207 1312 |
| Publication CIE No 54. Retro-reflection, definition and measurement (11/05) | 1214 |
| Engineering Recommendation G.39/1, 1992 Model Code of Practice. Covering Electrical Safety in the Planning, Installation, Commissioning and Maintenance of Public Lighting and Other Street Furniture Published by: Energy Networks Association | #1401 1401NI |
| 18 Stanhope Place Marble Arch London W2 2HH (http://www.energynetworks.org/ena_index/enaindex_default.asp) (11/05) | |
| The American Society for Testing and Materials ASTM F1249-1: Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor (05/06) | 1421 |
| National Joint Utilities Group Publication Guidelines on the Positioning and Colour Coding of Utilities' Apparatus (05/06) | 1421 1530 |

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| - | rea to in the specification |
|--|-------------------------------|
| The American Petroleum Institute Specification for Line Pipe (API Specification 5L) (11/05) | 1606 |
| Engineering Equipment and Material Users Association, Drilling Fluid Materials, Publication No. 163, Bentonite (11/05) | 1618 |
| Concrete Society Technical Report No. 47: Durable Bonded Post-Tensioned Concrete Bridges. 2nd Edition (11/05) | 1711 Appx A |
| Concrete Society Report CS/101 (11/05) | 1714 |
| PD 970:2005, Wrought steels for mechanical and allied engineering purposes. Requirements for carbon, carbon manganese and alloy hot worked or cold finished steels (11/08) | 1803 (Pages 36, 37 and 38) |
| The American Society for Testing and Materials ASTM Standard A325-04b: Standard Specification for Structural Bolts (11/05) | 1803 Appx A |
| Society of Steel Construction of Japan Document JSS II - 09 - 1996 (11/05) | 1803 |
| The American Society for Testing and Materials ASTM Standard G 62-87: Standard Test Methods for Holiday Detection in Pipeline Coatings (11/05) | Table 19/2B (Notes) |
| 'Hydraulic Lime Mortar for Stone, Brick and Block Masonry: A Best Practice Guide' by Mike Farey, Stafford Holmes, Paul Livesey. Publisher: Donhead. ISBN: 1873394640 (11/05) | 2417 |
| The American Society for Testing and Materials ASTM Standard C413-01: Test Method for Absorption of Chemical Resistant Mortars Grouts and Monolithic Surfacings. 2001 (11/05) | 2601 |
| The American Society for Testing and Materials ASTM Standard C-827-01a: Test Methods for Early Volume Changes of Cementitious Mixtures. 2001 (11/05) | 2601 |
| The American Society for Testing and Materials ASTM Standard C939-02: Test Method for Flow of Grout for Preplaced Aggregate Concrete. 2002 (11/05) | 2601 |
| The National Plant Specification, Handling and Establishing Landscape Plants Horticultural Trades Association (11/08) | 3006 |
| Arboriculture Research Note 48/83 'A definition of the best pruning positions' by D Lonsdale from Arboricultural Advisory and Information Service at Alice Holt Lodge, Wrecclesham, Farnham, Surrey, GU10 4LH (11/05) | 3010 |
| Arboriculture Research Notes on specific tree diseases: | 3010 |
| Note 46/91 'Anthracnose of London Plane' by R G Strouts | 3010 |
| Note 58/95 'Phytophthora root disease' by R G Strouts | 3010 |
| Note 79/89 'Scab and Black Canker of Willow' by D R Rose | 3010 |
| Note 111/92 'Bleeding canker of Caucasian Lime (Tilia x euchlora)' by J N Gibbs | 3010 |
| Note 118/94 'Fireblight of ornamental trees and shrubs' by R G Strouts (11/05) | 3010 |
| Arboriculture Research and Information Notes on specific tree diseases: | 3010 |
| Note 122/94 'The horse chestnut scale: a pest of town trees' by D Wainhouse | 3010 |
| Note 124/94 'The Asian strain of Gypsy Moth, Lymantria dispar: a significant threat to trees' by T G Winter and H F Evans from Arboricultural Advisory and Information Service at Alice Holt Lodge, Wrecclesham, Farnham, Surrey, GU10 4LH (11/05) | 3010 |

Safety Guides published by the Forestry & Arboriculture Safety & Training Council (FASTCo) at 231 Corstorphine Road, Edinburgh, EH12 7AT (11/05)

3010

BWPDA Guidance Note QGN2 (11/08)

Appx A

BRE Digest 330. Alkali - silica reaction in concrete, Parts 1-4 (1997) (11/05)

Appx G