

APPENDIX F
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APPENDIX F

PUBLICATIONS REFERRED TO IN THE SPECIFICATION

The following list, as modified and extended by the Contract-specific minor alterations in Appendix 0/2 (if any), is a list of the publications to which reference is made in the Specification:

1. (05/01) **BRITISH STANDARDS**

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BS EN 60 243-2	Part 2. Additional requirements for tests using direct voltage (11/03)	1313
BS EN 60 269	Low voltage fuses	
BS EN 60 269-1	General requirements	1416
BS EN 60 269-2	Supplementary requirements for fuses for use by authorised persons (fuses mainly for industrial applications)	1416
BS EN 60 529	Specification for degrees of protection provided by enclosures (IP code)	1407 1418 1530
BS EN 60 598-2-3	Luminaires. Particular requirements. Luminaires for road and street lighting (02/03)	1407 Appx B
BS EN 60 898	Specification for circuit breakers for overcurrent protection for household and similar installations	1416
BS EN 60 920	Specification for ballasts for tubular fluorescent lamps. General and safety requirements	1412 Appx B
BS EN 60 921	Specification for ballasts for tubular fluorescent lamps. Performance requirements	1412 Appx B
BS EN 60 922	Auxiliaries for lamps. Ballasts for discharge lamps (excluding tubular fluorescent lamps). General and safety requirements. (02/03)	1412 Appx B
BS EN 60 923	Auxiliaries for lamps. Ballasts for discharge lamps (excluding tubular fluorescent lamps). Performance requirements (02/03)	1412 Appx B
BS EN 60 947	Specification for low-voltage switchgear and controlgear. Part 2. Circuit breakers (05/04)	1416
BS EN 61 048	Specification for capacitors for use in tubular fluorescent and other discharge lamp circuits. General and safety requirements	1415 Appx B
BS EN 61 049	Specification for capacitors for use in tubular fluorescent and other discharge lamp circuits Performance requirements	1415 Appx B
BS EN 62 035	Discharge lamps (excluding fluorescent lamps), Safety specifications (02/03)	1408
BS EN ISO 62	Plastics. Determination of water absorption (11/03)	1313
BS EN ISO 179	Plastics. Determination of Charpy impact properties (11/03)	1314
BS EN ISO 179-2	Part 2: Instrumented impact test (11/03)	1313
BS EN ISO 868	Plastics and ebonite. Determination of indentation hardness by means of a durometer (Shore hardness) (11/03)	1314

BS EN ISO 898	Mechanical properties of fasteners made of carbon steel and alloy steel (02/03)	2502 Appx A
BS EN ISO 898-1	Bolts, screws and studs (05/04)	402 408 501
BS EN ISO 898-2	Nuts with specified proof load values (05/04)	501
BS EN ISO 1461	Hot dip galvanized coatings on fabricated iron and steel articles. Specifications and test methods (05/04)	305 402 403 408 1909
BS EN ISO 1856	Flexible cellular polymeric materials. Determination of compression set (11/03)	1017
BS EN ISO 2409, BS 3900-E6	Paints and varnishes. Cross-cut test (05/05)	1606
BS EN ISO 2440	Flexible and rigid cellular polymeric materials - Accelerated ageing tests (11/03)	1017
BS EN ISO 2897-1	Plastics. Impact-resistant polystyrene (PS-I) moulding and extrusion materials. Designation system and basis for specifications (11/03)	Table 5/9 Table 5/10
BS EN ISO 2897-2	Plastics. Impact-resistant polystyrene (PS-I) moulding and extrusion materials. Preparation of test specimens and determination of properties (11/03)	Table 5/9 Table 5/10
BS EN ISO 3506	Mechanical properties of corrosion-resistant stainless steel fasteners (11/03)	
BS EN ISO 3506-1	Part 1. Bolts, screws and studs (05/04)	403 407 408 1307 1311 1803 2502 Appx A
BS EN ISO 3506-2	Part 2. Nuts (05/04)	403 407 408 1307 1311 1803 2502 Appx A
BS EN ISO 4014	Hexagon head bolts. Product grades A and B (05/04)	408 501 1803 2502 Appx A

BS EN ISO 4016	Hexagon head bolts. Product grade C (05/04)	305
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BS EN ISO 4017	Hexagon head screws. Product grades A and B (05/04)	Appx A
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BS EN ISO 4018	Hexagon head screws. Product grade C (05/04)	Appx A
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BS EN ISO 4032	Hexagon nuts, style 1. Product grades A and B (05/04)	Appx A
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BS EN ISO 4034	Hexagon nuts. Product grade C (05/04)	Appx A
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		507
		1803
BS EN ISO 4035	Hexagon thin nuts (chamfered). Product grades A and B (05/04)	Appx A
		408
BS EN ISO 4624, BS 3900-E10	Paints and varnishes. Pull-off test for adhesion (05/04)	1907
BS EN ISO 7253	Paints and varnishes. Determination of resistance to neutral salt spray (fog) (11/03)	1011
		1012
BS EN ISO 7500-1	Metallic materials - Verification of static uniaxial testing machines Part 1: Tension/compression testing machines - Verification and calibration of the force-measuring system (11/03)	1015
BS EN ISO 8402	Quality management and quality assurance. Vocabulary (11/04)	#104
		104NI
'BS EN ISO 8501-1, BS 7079-A1'	Preparation of steel substrates before application of paints and related products. Visual assessment of surface cleanliness. Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings. (05/05)	1604
		1803
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'BS EN ISO 8501-2, BS 7079-A2'	Preparation of steel substrates before application of paints and related products. Visual assessment of surface cleanliness. Part 2: Preparation grades of previously coated steel substrates after localized removal of previous coatings. (05/05)	5004
BS EN ISO 8502	Preparation of steel substrates before application of paints and related products. Tests for the assessment of surface cleanliness (05/05)	
BS EN ISO 8502-2	Preparation of steel substrates before application of paints and related products. Tests for assessment surface cleanliness Part 2: Laboratory determination of chloride on cleaned surfaces (05/05)	1902 5002
BS EN ISO 8502-3	Preparation of steel substrates before application of paints and related products. Tests for assessment surface cleanliness Part 3: Assessment of dust on steel surfaces prepared for painting (pressure-sensitive tape method) (05/05)	1902 5002
BS EN ISO 8502-4	Preparation of steel substrates before application of paints and related products. Tests for assessment surface cleanliness Part 4: Guidance on the estimation of the probability of condensation prior to paint application (05/05)	1902 5002
BS EN ISO 8502-6	Preparation of steel substrates before application of paints and related products. Tests for assessment surface cleanliness Part 6: Extraction of soluble contaminants for analysis. The Bresle method (05/05)	1902 5002
'BS EN ISO 8502-9, BS 7079-B9'	Field method for the conductometric determination of water-soluble salts (05/05)	1902 5002
'BS EN ISO 8503-1, BS 7079-C1'	Preparation of steel substrates before application of paints and related products. Surface roughness characteristics of blast-cleaned steel substrates (05/05) Specifications and definitions for ISO surface profile compactors for the assessment of abrasive blast-cleaned surfaces (05/05)	1904 5004
BS EN ISO 9001	Quality management systems - Requirements (05/05)	#104 104NI 810 824 903 to 907 909 to 912 914 916 920 929 930 937 to 938 942 to 943 946 to 948 1424 1711
BS EN ISO 9934	Non-destructive testing. Magnetic particle testing (11/03)	
BS EN ISO 9934-1	Part 1. General principles (05/04)	403 1310

BS EN ISO 9967: 1995, BS 2782-11: Method 1114A:1995	Thermoplastics pipes. Determination of creep ratio (11/03)	Table 5/9
BS EN ISO 9969: 1995, BS 2782-11: Method 1114B:1995	Thermoplastics pipes. Determination of ring stiffness (11/03)	Table 5/9
BS EN ISO 10319	Geotextiles - Wide-width tensile test (11/03)	514 609
'BS EN ISO 11124-2, BS 7079-E2'	Preparation of steel substrates before application of paints and related products. Specifications for metallic blast-cleaning abrasives Chilled-iron grit (05/05)	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. High-carbon cast-steel shot and grit (05/05)	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. (05/05)	1903 5003
BS EN ISO 11126-7	Preparation of steel substrates before application of paints and related products. Specifications for non-metallic blast-cleaning abrasives. Specifications for fused aluminium oxide (05/03)	1903 5003
BS EN ISO 12236	Geotextiles and geotextile-related products. Static puncture test (CBR-Test) (11/03)	514
BS EN ISO 12944	Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Parts 1 to 8 (05/04)	408
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 14713	Protection against corrosion of iron and steel in structures. Zinc and aluminium coatings. Guidelines (05/04)	408
BS EN ISO 15607	Specification and qualification of welding procedures for metallic materials. General Rules (11/04)	402 1310
BS EN ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories (05/05)	105
BS ISO 1817	Physical testing of rubber. Determination of the effects of liquids (11/03)	1017
BS ISO 11922-1	Thermoplastics pipes for the conveyance of fluids. Dimensions and tolerances. Metric series (11/03)	Table 5/9 Table 5/10

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

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DD 213: 1993	Method for determination of the indirect tensile stiffness modulus of bituminous mixtures (11/04)	929 937 948 Table 9/15 Table 9/16 Table 9/17
DD 226: 1996	Method for determining resistance to permanent deformation of bituminous mixtures subject to unconfined dynamic loading (11/04)	929 952
DD 229	Method for determination of the relative hydraulic conductivity of permeable surfacings	938
DD 232	Method for determination of the maximum binder content of bituminous mixtures without excessive binder drainage	937 938 942

3. (05/01) EUROPEAN STANDARDS

		Specification Clause/Table/ Appendix
prEN 12 274-8	Slurry Surfacing - Test Methods Part 8: Visual Assessment of Defects (11/03)	918
prEN 12 666-1	Plastics piping systems for non-pressure underground drainage and sewerage - Polyethylene (PE) - Specification for pipes, fittings and the system (11/04)	Table 5/1 Table 5/2 514
prEN 13 476	Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) (11/03)	Table 5/9
prEN 13 877-1 (October 2003)	Concrete pavements Part 1: Materials for concrete pavements (05/04)	1001 1004 1012
prEN 13 877-2 (January 2002)	Concrete pavements Part 2: Functional requirements for concrete pavements (05/05)	1001 Table 10/2 1003 1004 Table 8/17
prEN 13 877-3 (October 2002)	Concrete pavements Part 3: Specification for dowels to be used in concrete pavements (05/04)	1011
DD ENV 1317-4: 2002	Road restraint systems. Performance classes, impact test acceptance criteria and test methods for terminals and transitions of safety barriers (05/04)	401
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 Chemical composition and forms of products Part 1: Chemical composition (05/05)	1909 5005
ISO 752	Zinc ingots (05/03)	1909 5005
ISO 898	Mechanical properties of fasteners made of carbon steel (02/03)	305
ISO 2859 - 1	Specification for sampling plans indexed by acceptable quality level (AQL) for lot - by - lot inspection. (BS 6001 : Part 1)	311
ISO 13967	Thermoplastics fittings - Determination of ring stiffness (11/03)	Table 5/10

5. (05/01) **DEPARTMENT OF TRANSPORT; DEPARTMENT OF ENVIRONMENT, TRANSPORT AND 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 and Temporary Situations. 1991	#117
		117NI
		1216
(ii)	Working Drawings for Traffic Sign Design and Manufacture (Volumes 1, 2 and 3)	1216

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

(Published by The Stationery Office or HMSO)

**Specification
Clause/Table/
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Bridges - 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
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Bridges - Standards

(ii)	BD 2	Technical Approval of Highway Structures. (DMRB 1.1.1) (05/05)	106 Appx A
(iii)	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) (05/05)	2501 Table 25/1
(iv)	BD 13	Design of Steel Bridges. Use of BS 5400: Part 3: 2000 (DMRB 1.3.14) (05/05)	408
(v)	BD 26	Design of Lighting Columns. (DMRB 2.2.1) (05/05)	1207 #1301 1301NI 1302 1306 Appx A
(vi)	BD 35	Quality Assurance Scheme for Paints and Similar Protective Coatings. (DMRB 2.4.1) (05/05)	1221 1901 1911 Table 19/1 5001 5007 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. (DMRB 2.1.5) (05/05)	2502
(x)	BD 83	Design of CCTV Masts (DMRB 2.2.11) (05/05)	1302
(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) (05/05)	2417 2503

Highways - Standards (05/05)

(xiv)	HD 29	Structural Assessment Methods (DMRB 7.3.2) (05/05)	824
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Traffic Engineering - Advice Notes

(xv)	TA 61	Currency of the Traffic Signs Manual. (DMRB 8.2.2) (05/05)	#117 117NI
(xvi)	TA 63	Convoy Working. (DMRB 8.4.5) (05/05)	#117 117NI
(xvii)	TA 64	Narrow Lane and Tidal Flow Operations at Roadworks on Motorways and Dual Carriageway Trunk Roads with Full Width Hard Shoulders. (DMRB 8.4.3) (05/05)	#117 117NI

Traffic Engineering - Standards

(xviii)	TD 49	Mobile Lane Closures. (DMRB 8.4.4) (05/05)	#117 117NI
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7. (05/01) HIGHWAYS AGENCY (TSS DIVISION) PUBLICATIONS

(Published by the Highways Agency. E-mail: tss_plans_registry@highways.gsi.gov.uk) (02/03)

**Specification
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Traffic Control 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	Inductive Loop Cable (05/04)	1506
(iv)	TR 2031	Inductive Loop Feeder Cable (05/04)	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 (05/04)	1506 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 (05/05)	503 505 #601 601NI 614 615 643 644 Table 6/1 Table 6/3 footnote 801 2403 2406 2417 2503 2601 2602
(iv)	PA3287/97	Repeated load test with vacuum confinement - M Nunn (11/03)	929 952
(v)	RR57	Pervious macadam trials on trunk road A38 Burton Bypass, 1984 - M E Daines (11/03)	938
(vi)	RR323	Trials of porous asphalt and rolled asphalt on the A38 at Burton - M E Daines (11/03)	938
(vii)	*Road Note 36	Specification for the manufacture and use of rubberised bituminous road materials and binders. (2nd Edition) 1968 (11/03) Road Research Laboratory	938

9. (05/01) ACTS AND STATUTORY INSTRUMENTS

		Specification Clause/Table/ Appendix
(i)	The Construction (General Provisions) Regulations. 1961	607
(ii)	The 'Zebra, Pelican and Puffin' Pedestrian Crossings Regulations and General Directions. 1997 (11/04)	#104 #1201 1201NAW
(iii)	The Traffic Signs Regulations and General Directions. 2002 (11/04)	#104 #117 1201 1212 1213 1214 1215 1216 1201NAW
(iv)	The Traffic Signs (Welsh and English Language Provisions) Regulations and General Directions. 1985	1201NAW
(v)	The Electricity at Work Regulations. 1989	1401
(vi)	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	
(vii)	Personal Protective Equipment Directive (89/686/EEC) (11/04)	#117 117NI
(viii)	Traffic Signs (Welsh and English Language Provisions) Regulations 1985	1201NAW
(ix)	The Construction (General Provisions) Regulations (Northern Ireland) 1963	607NI
(x)	The 'Zebra' Pedestrian Crossings Regulations (Northern Ireland) 1974	104NI 1201NI
(xi)	The Traffic Signs Regulations (Northern Ireland) 1997	104NI 117NI 1201NI 1212NI 1213NI 1214 1215 1216
(xii)	The 'Pelican' Pedestrian Crossings Regulations (Northern Ireland) 1989	104NI 1201NI
(xiii)	The Electricity at Work Regulations (Northern Ireland) 1991	1401NI
(xiv)	Road Vehicles Lighting Regulations (Northern Ireland) 2000	117NI
(xv)	Wildlife and Countryside Act 1981	3002
(xvi)	Weeds Act 1959	3002
(xvii)	Protection of Badgers Act 1992	3003

(xviii)	Environmental Protection Act 1990 Part IIA (11/04)	#601
(xiv)	Special Waste Regulations 1996 (11/04)	#601
(xx)	Radioactive Substances Act 1993 (11/04)	#601 601NI
(xxi)	Waste and Contaminated Land (Northern Ireland) Order 1997 - Statutory Instrument 1997 No. 2778 (N.I.19) (11/04)	601NI
(xxii)	Special Waste Regulations (Northern Ireland) 1998 (11/04)	601NI

WITHDRAWN

10. (05/01) QUALITY MANAGEMENT SCHEMES PUBLICATIONS

(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)

		Specification Clause/Table/ Appendix
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	Appx A
Scheme 2B	Sector Scheme Document for Vehicle Restraint Systems	Appx A
Scheme 2C	Sector Scheme Document for The Design Supply, Installation and Repair of Environmental Barriers (Structural) (11/04)	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	The Manufacture of Parapets for Road Restraint Systems (05/04)	Appx A
Scheme 5B	The Installation of Parapets for Road Restraint Systems (05/04)	Appx A
Scheme 6	Sector Scheme Document for The Manufacture, Supply and Verification of Lighting Columns and Bracket Arms	Appx A
Scheme 7	Sector Scheme Document for The Application of Road Marking Materials and Road Studs to Road Surfaces	Appx A
Schemes 8 and 10	Sector Scheme Document for The Installation and Maintenance of Highway Electrical Equipment (11/04)	Appx A
Scheme 12	Temporary Traffic Management	
Scheme 12A	Sector Scheme Document for The Static Temporary Traffic Management on Motorways and High Speed Dual Carriageways for Schemes Incorporating Contraflow Operations and/or temporary road markings (11/04)	#117 117NI Appx A
Scheme 12B	Sector Scheme Document for Static Temporary Traffic Management on Motorways and High Speed Dual Carriageways for Schemes not Incorporating Contraflow Operations and/or temporary road markings	Appx A
Scheme 12C	Sector Scheme Document for Mobile Lane Closures Temporary Traffic Management on Motorways and Dual Carriageways	Appx A
Scheme 13A	Sector Scheme Document for The Supply and Application of Surface Dressings to Road Surfaces (11/04)	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 Assurance of the Production of Asphalt Mixes	Appx A
Scheme 15	Sector Scheme Document for The Supply of Paring Grade Bitumen (11/02)	Appx A
Scheme 16	Sector Scheme Document for The Laying of Asphalt Mixes (11/04)	Appx A
Scheme 17	Vehicle Recovery at Highway Construction Sites (05/05)	Appx A

(ii) THE BRITISH STANDARDS INSTITUTION (BSI) PUBLICATIONS

Scheme 5	Fabrication and Installation of Bridge Parapets and Cradle Anchorages (QGN 3204.2/194)	Appx A
Scheme 6	Sector Scheme Document for The Manufacture, Supply and Verification of Lighting Columns and Bracket Arms (11/03)	Appx A
Scheme 8	Installation and Maintenance of Traffic Signals (QAS 3433/287)	Appx A
Scheme 10	Installation and Maintenance of Electrical Apparatus and Cabling for Highway Lighting and Traffic Signs (QAS 3480/376)	Appx A

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

Scheme 1	Manufacture of Fencing Components (QSS 32042)	Appx A
Scheme 5	Fabrication and Installation of Bridge Parapets and Cradle Anchorages (QSS 32043)	Appx A
Scheme 6	Sector Scheme Document for The Manufacture, Supply and Verification of Lighting Columns and Bracket Arms (11/03)	Appx A
Scheme 10	Installation and Maintenance of Electrical Apparatus and Cabling for Highway Lighting and Traffic Signs (QSS 620/2)	Appx A

(iv) NATIONAL QUALITY ASSURANCE (NQA) LIMITED PUBLICATIONS:

Scheme 8	Installation and Maintenance of Traffic Signals (QSS 015)	Appx A
Scheme 10	Installation and Maintenance of Electrical Apparatus and Cabling for Highway Lighting and Traffic Signs (QSS 014)	Appx A

(v) (11/03) SGS UNITED KINGDOM LIMITED:

Scheme 8	Installation and Maintenance of Traffic Signals (BN 164/D)	Appx A
Scheme 10	Installation and Maintenance of Electrical Apparatus and Cabling for Highway Lighting and Traffic Signs (BN 183D)	Appx A

(vi) ISOQAR LTD PUBLICATION:

Scheme 10	Installation and Maintenance of Electrical Apparatus and Cabling for Highway Lighting and Traffic Signs (QAR 154)	Appx A
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(vii) BM TRADA PUBLICATIONS: (11/03)

Scheme 5	Fabrication and Installation of Bridge Parapets and Cradle Anchorages (SFSS 5)	Appx A
Scheme 10	Installation and Maintenance of Electrical Apparatus and Cabling for Highway Lighting and Traffic Signs (28.HW.001)	Appx A

(viii) UK CERTIFICATION AUTHORITY FOR REINFORCING STEELS (CARES) PUBLICATION

Scheme 11	Supply and Installation of Post-Tensioning Systems in Concrete Structures	Appx A
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11. (05/01) BRITISH BOARD OF AGRÉMENT CERTIFICATES:

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

	Specification Clause/Table/ Appendix
(a) Agrément Certificates	1001 1017
(b) Roads and Bridges Certificates (11/04)	#104 104NI 501 #508 508NI 514 515 518 1001 1017 1530 1716 2003 2005 2501 2502 Appx C
(c) HAPAS-Roads and Bridges Certificates	000 711 918 919 920 922 924 928 937 938 Table 9/8 Table 9/9 942 943 950 952 2203

12. (05/01) MISCELLANEOUS

		Specification Clause/Table/ Appendix
(i)	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 (11/03)	Table 5/1
(ii)	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 (11/03)	501
(iii)	The American Association of State Highway and Transportation Officials Standard M274-87 (2000): Interim Specification for Steel Sheet Aluminous Coatings for Corrugated Steel Pipes. 1987 (11/03)	501
(iv)	The American Society for Testing and Materials ASTM Standard A325 - 02: Specification for High-Strength Bolts for Structural Steel Joints. 2002 (02/03)	1803 Appx A
(v)	The American Society for Testing and Materials ASTM Standard C413-01: Test Method for Absorption of Chemical Resistant Mortars Grouts and Monolithic Surfacing. 2001 (11/03)	2601
(vi)	The American Society for Testing and Materials ASTM Standard C-827-01a: Test Methods for Early Volume Changes of Cementitious Mixtures. 2001 (11/03)	2601
(vii)	The American Society for Testing and Materials ASTM Standard C939-02: Test Method for Flow of Grout for Preplaced Aggregate Concrete. 2002 (11/03)	2601
(viii)	The American Society for Testing and Materials ASTM Standard D2628-91 (1998): Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements. 1998 (11/03)	1017
(ix)	The American Society for Testing and Materials ASTM Standard D4533 - 91 (1996) (11/03)	514
(x)	The American Petroleum Institute Specification for Line Pipe (API Specification 5L).	1606
(xi)	The American Iron and Steel Institute (AISI) Specification: Standard Steels	1207 1312
(xii)	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 The Electricity Association Services Ltd, 30 Millbank London SW1P 4RD. Tel. 020-7963-5801	#1401 1401NI

(xiii)	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) (11/04)	#117 117NI
(xiv)	Temporary Traffic Management on High Speed Roads Good Working Practice issued jointly by the Highways Agency, the Roads Service, the National Assembly for Wales, the Scottish Executive, CSS (formerly County Surveyors Society), the Health and Safety Executive, the Association of Chief Police Officers and Industry representatives. Hard copies available from TRL Ltd. Digital copy is available on the Highways Agency website: Temporary Traffic Management on High Speed Roads - Good Working Practice (http://www.highways.gov.uk/aboutus/corpdocs/ttm_sept_02/index.htm) (11/04)	#117 117NI
(xv)	Engineering Equipment and Material Users Association, Drilling Fluid Materials, Publication No. 163, Bentonite	1618
(xvi)	Department of Housing and Construction, Commonwealth of Australia, Standard Specifications RA SS 106 and MT RA 100	1017
(xvii)	Maps of the British Geological Survey	601
(xviii)	Publication CIE No 54. Retro-reflection, definition and measurement	1214
(xix)	Specification for the Reinstatement of Openings in Highways. Issued by the Highway Authorities and Utilities Committee	706 1043
(xx)	Maps of the Geological Survey of Northern Ireland	601NI
(xxi)	SSD Application Guide No. 1 (revised 1989). Printed and Published by the Scottish Development Department	632SE
(xxii)	Code of Practice on Health and Safety for Vehicle Recovery Operations Published by the Association of Vehicle Recovery Operators (11/04)	#117 117NI 120
(xxiii)	National Joint Utilities Group Publication No. 4 (11/04)	1421 1530
(xxiv)	Concrete Society Technical Report No. 47: Durable Bonded Post-Tensioned Concrete Bridges. 2nd Edition (11/04)	1711 Appx A
(xxv)	'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 (11/04)	710
(xxvi)	Joint Liaison Committee on Plant Suppliers Code of Practice for Plant Handling 1985 (11/04)	3010
(xxvii)	Safety Guides published by the Forestry & Arboriculture Safety & Training Council (FASTCo) at 231 Corstorphine Road, Edinburgh, EH12 7AT (11/04)	3010

(xxviii)	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 (11/04)	3010
(xxix)	Arboriculture Research Notes on specific tree diseases: Note 46/91 'Anthracnose of London Plane' by R G Strouts Note 58/95 'Phytophthora root disease' by R G Strouts Note 79/89 'Scab and Black Canker of Willow' by D R Rose Note 111/92 'Bleeding canker of Caucasian Lime (Tilia x euchlora)' by J N Gibbs Note 118/94 'Fireblight of ornamental trees and shrubs' by R G Strouts (11/04)	3010 3010 3010 3010 3010 3010
(xxx)	Arboriculture Research and Information Notes on specific tree diseases: Note 122/94 'The horse chestnut scale: a pest of town trees' by D Wainhouse Note 124/94 'The Asian strain of Gypsy Moth, <i>Lymantria dispar</i> : 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 (11/04)	3010 3010 3010
(xxxi)	Society of Steel Construction of Japan Document JSS II - 09 - 1996 (11/04)	1803
(xxxii)	Concrete Society Report CS/101 (11/04)	1714
(xxxiii)	Interim Advice Note 44 Interim Requirements for Road Restraint Systems (11/04)	400
(xxxiv)	BRE Digest 330. Alkali - silica reaction in concrete, Parts 1-4 (1997) (11/04)	Appx G
(xxxv)	PAS 43:2002: Safe working of vehicle breakdown and recovery operators. Management system specification Published by the British Standards Institution (11/04)	Appx A
(xxxvi)	Guideline Document for the Assessment and Certification of High Friction Surface for Highways - British Board of Agrément (11/04)	924
(xxxvii)	Baumgaertel, M and Winter, H.H., 'Determination of discrete relaxation and retardation time spectra from dynamic mechanical data', Rheol Acta 28:511-519 (1989) (11/04)	928
(xxxviii)	Current Practice Sheet 3PC/06/01 "Thermal Movement of Concrete" by R D Brown, Concrete Journal; November 1972 (11/04)	819
(xxxix)	'Hydraulic Lime Mortar for Stone, Brick and Block Masonry: A Best Practice Guide' by Mike Farey, Stafford Holmes, Paul Livesey. Publisher: Donhead. ISBN: 1873394640 (05/05)	2417
(xxxx)	The American Society for Testing and Materials ASTM Standard G 62-87: Standard Test Methods for Holiday Detection in Pipeline Coatings (05/05)	Table 19/2B (Notes)