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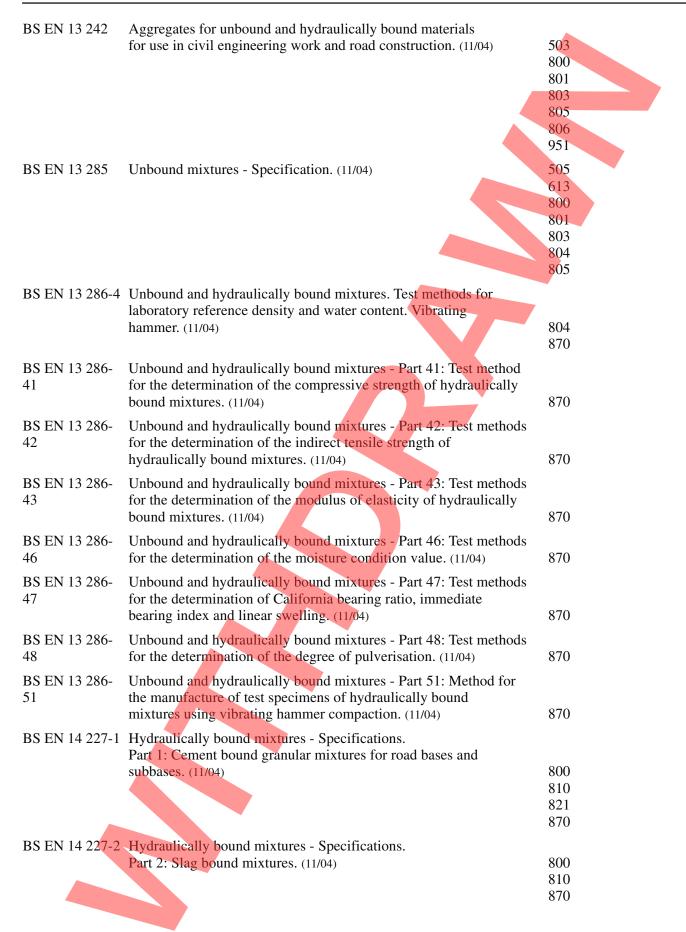
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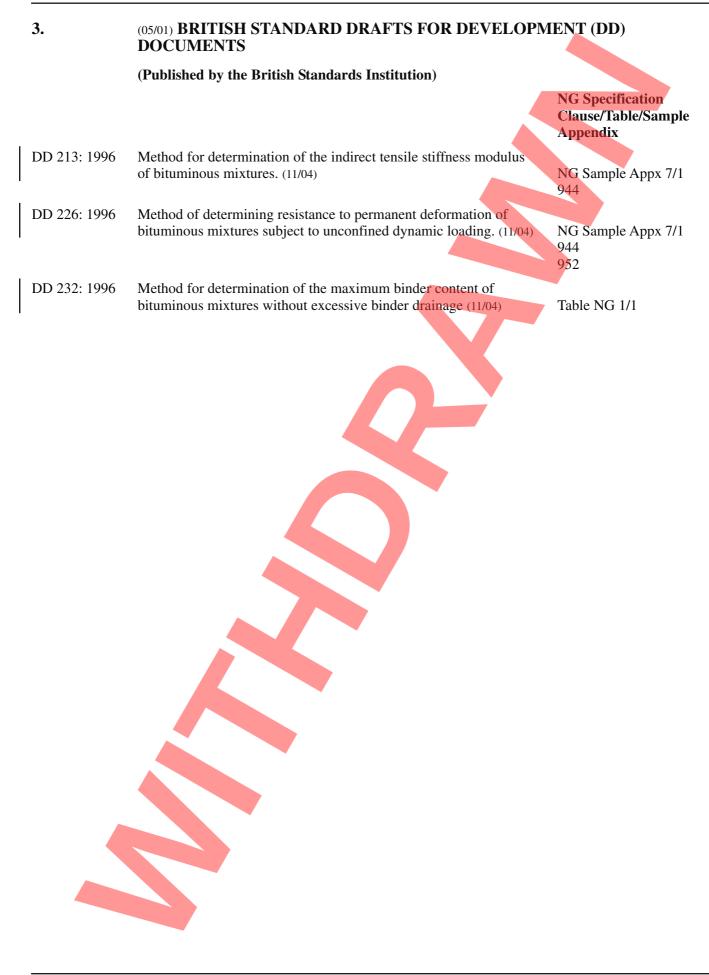


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BS EN ISO 1183-3-3	Plastics. Methods for determining the density of non-cellular plastics. Gas pyknometer method. (11/03)	NG Sample Appx 5/7 Tables 1 and 2
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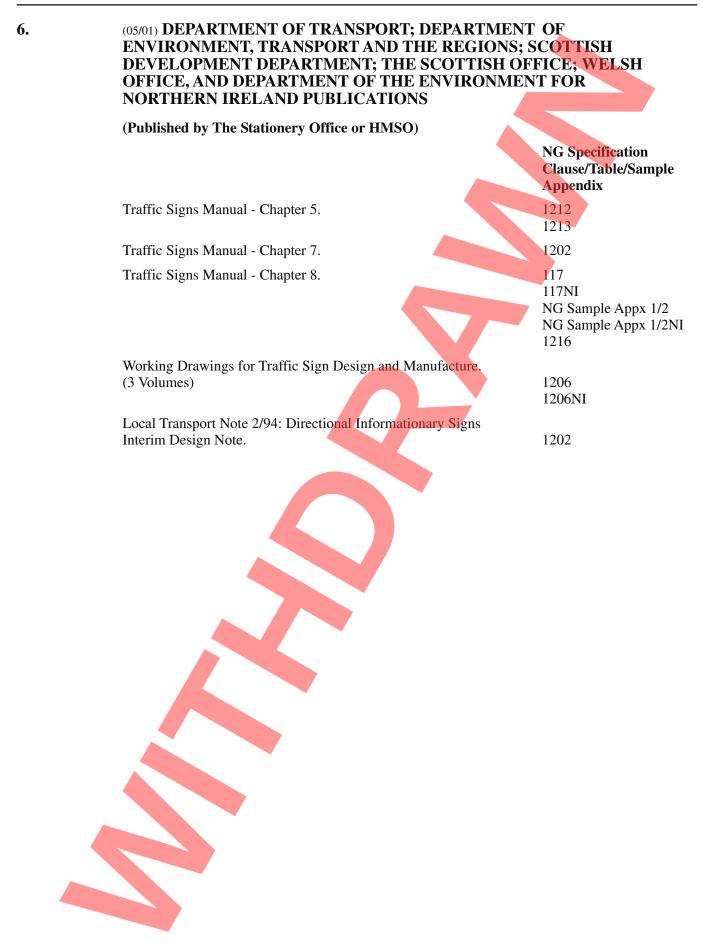
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4	(05/01) EUROPEAN STANDARDS (Including draft standards (prEN))	
		NG Specification Clause/Table/Sample Appendix
EN 727	Plastics piping and ducting systems. Thermoplastics pipes. Determination of Vicat softening temperature (VST).	NG Sample Appx 5/7 (Table 2)
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EN 763	Plastics piping and ducting systems. Injection moulded thermoplastics fittings. Test method for visually assessing effects of heating.	NG Sample Appx 5/7 (Table 1)
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5.	(05/01) INTERNATIONAL STANDARDS		
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		NG Specification Clause/Table/Sample Appendix	
ISO 527	Plastics. Determination of tensile proportions.	NG Sample Appx 5/7 (Table 3)	
ISO 1133	Plastics. Determination of the melt mass rate (MFR) and the melt volume-flow rate (MVR) of thermoplastic.	NG Sample Appx 5/7 (Table 3)	
ISO 1183	Plastics. Methods for determining the density and relative density of non-cellular plastics.	NG Sample Appx 5/7	
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ISO 4440	Thermoplastics pipes and fittings. Determination of melt mass-flow rate.	NG Sample Appx 5/7 (Table 1)	
ISO 4451	Polyethylene (PE) pipes and fittings. Determination of reference density of uncoloured and black polyethylenes.	NG Sample Appx 5/7 (Table 1)	
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7.		(05/01) UK OVERSEEING ORGANISATIONS PUBLICATIONS INCLUDING THEIR PREDECESSOR'S PUBLICATIONS (Deblie had her the Stationeum Office on UMSO)	
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	Trunk Road Maintenance Manual Volume 1.	NG Sample Appx 1/20 NG Sample Appx 1/20NI 2606
	WO Trunk Road Management and Maintenance Notice 2/86.	2606

8. (05/01) HIGHWAYS AGENCY (TSS DIVISION) PUBLICATIONS (Published by the Highways Agency. E-mail: tss_plans_registry@highways.gsi.gov.uk) (02/03) NG Specification **Clause/Table/Sample** Appendix **Traffic Control and Communications - Specifications** Maintenance and Operational Requirements for New Systems MCH 1349 and Equipment. (02/03) 1525 1529 MCH 1454 Transmission Standards and Procedures. 1507 MCH 1540 Specification for the Installation of Detector Loops on Motorways 1218 and all Purpose Trunk Roads. MCH 1593 Maintenance Instruction - Changes to Communication Infrastructure. 1525 1527 MCH 1596 NMCS: Site Data Procedures. 1525

9.	(05/01) TRANSPORT RESEARCH LABORATORY REPORTS	
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LR 346	Selection of materials for sub-surface drains - R Spalding.	505 515
LR 1094	Pre split blasting for highway rock excavation - G D Matheson, 1983.	603
LR 1102	Compaction of bituminous road materials using vibratory rollers - W D Powell and D Leech, 1983.	901
PR 78	Tests for voids and compaction in rolled asphalt surfacing M E Daines.	943
PR 113	Advice on integrity testing of piles - A J C Gent and P Darley.	1608
RR 4	Cooling of bituminous layers and time available for their compaction - M E Daines.	901
RR 45	Winter air temperature in relation to frost damage in roads - P T Sherwood and P G Roe (11/04)	814
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
SR 717	Standards of compaction of dense roadbase macadam - W D Powell and D Leech.	901 929
SR 754	Nuclear gauges for measuring the density of roadbase macadams : report of a working party, 1982.	929
PR 72	Swelling pressure of compacted clayey backfill.	610
TRL 152	Earth pressures against an experimental retaining wall backfilled with Lias Clay, A H Brookes, D R Carder, P Darley.	610
TRL 216	Road haunches : a guide to re-usable materials, J Porter, 1996. (05/05)	824 948
TRL 273	Use and application of the MCA with particular reference to glacial tills - G D Matheson and M G Winter.	632SE
TRL 386	Design guide and specification for structural maintenance of highway pavements by cold in-in situ recycling, Milton and Earland, 1999. (05/05)	824 948

I

TRL 447	Sulfate specification for structural backfills, J M Reid, M A Czerewko and J C Cripps, 2001. (11/03)	Table NG 1/1 601 643 644 NG Sample Appx 6/1 801 801 NI
		901 1001 1035 1704
	Road Note 39 (Fifth Edition). Design Guide for Road Surface Dressing. Road Research Laboratory TRL Limited. JC Nicholls (11/03)	NG Sample Appx 7/3 NG Sample Appx 7/21 919 922
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 (11/04)	816
TRL 615	Development of a More Versatile Approach to Flexible and Flexible Composite Pavement Design (11/04)	810 819
PA 3287/97 Road Note	Repeated load test with vacuum confinement - M Nunn. Design Guide for Road surface dressing (11/04)	952 919

(05/01) ACTS AND STATUTORY INSTRUMENTS

The Town and Country Planning (Control of Advertisements) Regulations 1999.

The Highways Act 1980. The Highway Code 1993. The Motor Vehicle Construction and Use Regulations. The Road Transport Act. The Road Traffic Act 1991.

The Road Traffic (Northern Ireland) Order 1981. The Road Traffic (Northern Ireland) Order 1995. The Road Vehicles Lighting Regulations 1989. Road Vehicles Lighting Regulations (Northern Ireland) 2000.

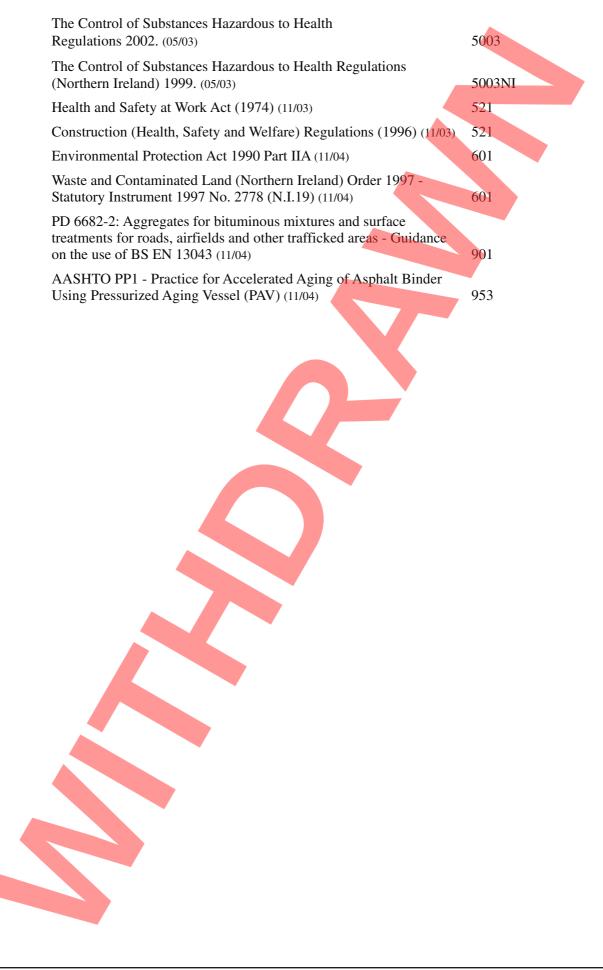
The New Roads and Street Works Act 1991. The Electricity at Work Regulations 1989. The Traffic Signs Regulations and General Direction 2002. (08/03)

The Planning (Control of Advertisements) Regulations (Northern Ireland) 1992.
The Roads (Northern Ireland) Order 1980.
Motor Vehicles (Construction and Use) Regulations (Northern Ireland) 1999.
The Electricity at Work Regulations (Northern Ireland) 1991.
The Traffic Signs Regulations (Northern Ireland) 1997.

The Water Act (1989).
The Environmental Protection Acts (1990 and 1995).
HSE Manual Handling Operations Regulations (1992).
The Wildlife and Countryside Act 1981.
The Protection of Badgers Act 1992.
The Habitat Regulations 1994.

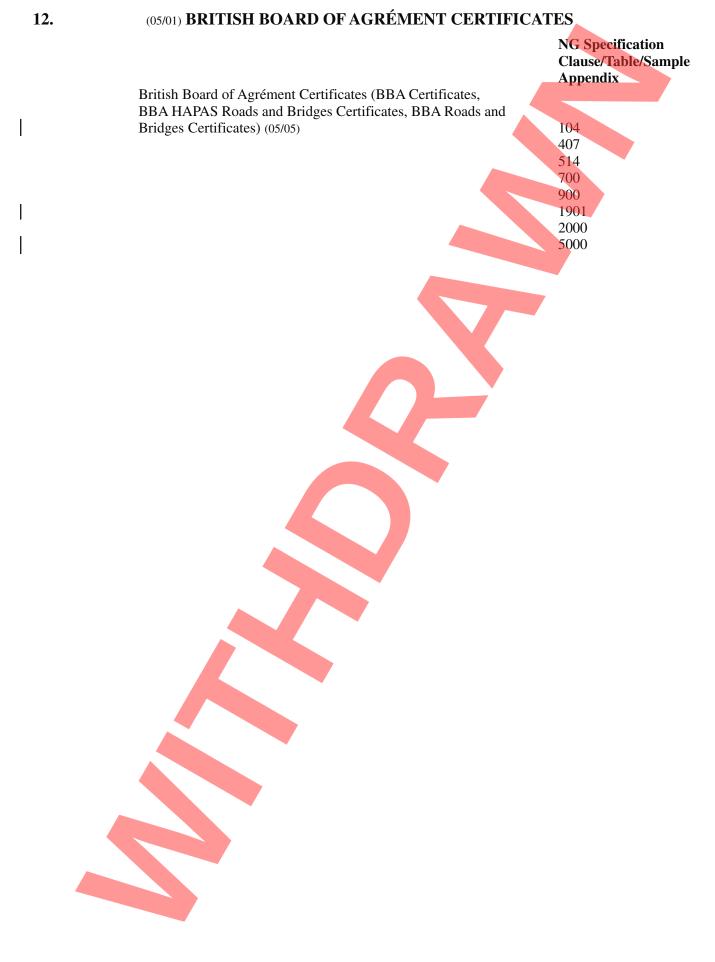
The Control of Lead at Work Regulations. (05/03) The Control of Lead at Work Regulations (Northern Ireland) 2002. (05/03)

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(05/01) MISCELLANEOUS **NG Specification** Clause/Table/Sample Appendix The Institution of Civil Engineers (ICE) Conditions of Contracts -000 Thomas Telford Limited. The speedmeter Handbook (Second Edition) issued by Police Scientific Development Branch (PSDB) - Publication No. 27/92. NG Sample Appx 1/26 Forest Stewardship Council (FSC) The FSC Standards for UK, FSC Standards Group, FSC UK Office, Unit D, Station Building, Llanidloes SY18 6EB Tel: 01686 413 916, Fax: 01686 412 176 Email: hanah@fsc.uk.demon.co.uk (11/02) 304 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 SDI. Concrete in aggressive ground. (Published in four parts) 501 Building Research Establishment. August 2001 (11/03) 644 1602 1603 1704 2505 HSE Manual Handling Operations Regulations 1992, Guidance on Regulations L/23-98. 507 518 HSE Booklet HS(G) 47. Avoiding danger from underground services. NG Sample Appx 5/2 Soil Guideline Values published by DEFRA and the Environment Agency (11/04) http://environment-agency.gov.uk/commondata/105385/guide_to_ using_sgvs_675263.pdf 601 NG Sample Appx 6/15 The Institution of Civil Engineers (ICE) Specification for Ground Investigation, Thomas Telford Limited - 1987. 630 PP 5930:2002: Site investigations. A guide for higher education to BS 5930:1999. Code of practice for site investigations. British Standards Publishing Limited (11/03) 642 Specification for the Reinstatement of Openings in Highways. Issued by the Highway Authorities and Utilities Committee. 706 Manual for Maintenance and Repair of Concrete Roads. HMSO, 1986. (Produced jointly by the DOT and the Cement and Concrete Association) (11/03) 706

706 NI 1000

'Quality Protocol for the Production of Aggregates' - Waste and Resources Action Programme is 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./ (11/04)	710
The Institution of Petroleum Test Method IP 80.	NG Sample Appx 7/1
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
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. (11/03)	923
TRRL Mini-Texture Meter Operating/Maintenance Manual (1986). Available from W D M Ltd, Bristol.	921 922
The Institution of Petroleum Test Method IP PM CM/99.	928
The American Society for Testing and Materials Standard ASTM D 2041-91: Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures 1991.	943
Mechanical Construction of Concrete Payements and Ancillary Works - Concrete Society - Technical Report No. 45.	1000
Design of Concrete Mixes. HMSO, 1988.	1000
A Guide to Concrete Road Construction. HMSO, 1978.	1024
Institution of Lighting Engineers Technical Report 7: 2000 edition. (11/03)	NG Sample Appx 13/4 NG Sample Appx 13/5
Temporary Road Markings: Working Group Findings, dated March 2003 Published by the Highways Agency. (08/03)	1212
Code of Practice for Electrical Safety in Public Lighting Operation - Institution of Lighting Engineers (ILE).	1401
The Institution of Civil Engineers (ICE) Specification for cast-in-situ retaining walls with modifications.	1601
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
Cornfield G M (1989). Steel Bearing Piles.	1615
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
CIRIA Report PB3. The Use & Influence of Bentonite in Bore Pile Construction.	1618
API Recommended Practice 13B-1. Standard Procedure for Field Testing Water-based Drilling Fluids. American Petroleum Institute 1990.	Table NG 16/1 1618
BRE Digest 357. Shrinkage of natural aggregates in concrete (1991).	1702
The Lovibond 2000 Comparator and disc reference no. 296570. Tintometer Ltd, Waterloo Road, Salisbury, Wiltshire. (05/04)	1702
BRE Digest 330. Alkali - silica reaction in concrete, Parts 1-4 (1997).	1704
The Thaumasite form of sulfate attack: Risks, diagnosis, remedial works and guidance on new construction. DTER 1999. (11/03)	1704
Appearance Matters 3 The Control of Blemishes in Concrete, William Monks - Cement and Concrete Association - 1981 (out of print). (05/03)	1708
Formwork Striking Times - Methods of Assessment. CIRIA (Report No. 67).	1710
Early-age Thermal Crack Control in Concrete. CIRIA (Report No. 91)	1710
Winter Concreting. Cement and Concrete Association.	1710
Proposal for a Standard of Acceptance Tests and Verification of Epoxy Bonding Agents for Segmental Construction. Fédération Internationale de le Précontrainte Publication FIP/9/2. Available from British Cement Association. (05/02)	1710
Grouting of Tendons in Prestressed Concrete. Fédération Internationale de le Précontrainte Guide to Good Practice. Thomas Telford Ltd.	1711
Durable Bonded Post - Tensioned Concrete Bridges Technical Report 47.	1711
Concrete Society Technical Report TR47 'Durable Bonded Post-tensioned Concrete Bridges' 2nd edition. (11/03)	1711
International Federation for Structural Concrete (<i>fib</i>) (Technical Report, Bulletin No. 7) for 'Corrugated plastic ducts for internal bonded post-tensioning). (11/03)	1711

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
The Steel Construction Institute Publication 170. Specification for Structural Steelwork for Bridges: A Model Appendix 18/1.	1801
Document JSS II-09-1996, Society of Steel Construction of Japan - Sets of Torshear Type High Strength Bolt, Hexagon Nut and Plain Washers. (02/03)	1801
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.	2505
Model of specification for Control of Japanese Knotweed.	3002
Arboriculture Research Note 150/00- Japanese Knotweed in Amenity Areas by C Hawke and D R Williamson from Arboriculture Advisory and Information Service at Alice Holt Lodge, Wrecclesham, Farnham, Surrey, GU10 4LH.	3002
Arboriculture Research Note 40/89- Tree staking by D Patch from Arboriculture Advisory and Information Service at Alice Holt Lodge, Wrecclesham, Farnham, Surrey, GU10 4LH.	3006
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