

**ANNEX 1**  
**PUBLICATIONS REFERRED TO IN THE**  
**NOTES FOR GUIDANCE**

**Contents**

| Section | Title   | Page |
|---------|---|------|
| 1       | (05/01) British Standards   | 2    |
| 2       | (05/01) British Standard Codes of Practice  | 20   |
| 3       | (05/01) British Standard Drafts for Development (DD) Documents                              | 21   |
| 4       | (05/01) European Standards  | 22   |
| 5       | (05/01) International Standards   | 23   |
| 6       | (05/14) Publications of the Department for Transport and other Government Offices           | 24   |
| 7       | (05/01) UK Overseeing Organisations Publications Including Their Predecessor's Publications | 25   |
| 8       | (05/14) Transport Research Laboratory Reports   | 29   |
| 9       | (05/14) UK and EU Legislation   | 30   |
| 10      | (05/14) Quality Management Systems  | 32   |
| 11      | (05/14) Miscellaneous   | 33   |

# ANNEX 1

## PUBLICATIONS REFERRED TO IN THE NOTES FOR GUIDANCE

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

(Published by the British Standards Institution)

Note: References to British Standards in Table NG 1/1 are not included in this list.

|              |  | NG Specification<br>Clause/Table/Sample<br>Appendix   |
|--------------|--|---|
| BS 381C      | Specification for colours for identification, coding and special purposes  | 1212<br>1911<br>1912<br>NG Sample Appx 19/4<br>1912NI<br>NG Sample Appx 19/4SE<br>NG Sample Appx 19/4NI |
| BS 434       | Bitumen road emulsions (anionic and cationic) (11/09)  | 824<br>NG Sample Appx 7/4   |
| BS 505: 1971 | Specification for road traffic signals (AMD 1990, 1976) (05/06)  | 1217  |
| BS 598       | Sampling and examination of bituminous mixtures for roads and other paved areas (11/09)  | 943   |
| BS 598-105   | Part 105: Methods of test for the determination of texture depth (11/09)   | 921   |
| BS 598-110   | Part 110: Methods of test for the determination of wheel-tracking rate and depth (11/09)   | 943   |
| BS 598-111   | Part 111: Method for determination of resistance to permanent deformation bituminous mixtures subject to unconfined uniaxial loading (11/05) | NG Sample Appx 7/3  |
| BS 709       | Methods of destructive testing fusion welded joints and weld metal in steel (05/04)  | 1310  |
| BS 812       | Testing aggregates (11/09)   | 801   |
| BS 812-120   | Part 120: Method for testing & classifying drying shrinkage of aggregates in concrete (11/05)  | 1702  |
| BS 812-121   | Part 121: Methods for determination of soundness (11/05)   | 801   |
| BS 812-124   | Part 124: 1989. Method for determination of frost-heave (11/05)  | 801   |
| BS 871       | Specification for abrasive papers and cloths (05/17)   | 1310  |
| BS 873       | Road traffic signs and internally illuminated bollards   | 1200<br>1202<br>1221<br>1200NI  |

|                          |  |                            |
|--------------------------|--|----------------------------|
| BS 873-1                 | Part 1: Methods of test (11/09)  | 1202<br>1203<br>1214       |
| BS 873-2                 | Part 2: Specification for miscellaneous signs (11/05)  | 1216                       |
| BS 873-5                 | Part 5: Specification for internally illuminated signs and external lighting luminaires (11/05)  | 1202                       |
| BS 873-6                 | Part 6: Specification for retroreflective and non-retroreflective signs (11/05)  | 1202<br>1204               |
| BS 873-7                 | Part 7: Specification for posts and fittings (11/05)   | 1204                       |
| BS 915                   | Specification for high alumina cement (12/14)  | 1702                       |
| BS 915-2                 | Part 2: Metric units (12/14)   | 1702                       |
| BS 1047                  | Specification for air-cooled blast-furnace slag aggregate for use in construction (05/06)  | 801                        |
| BS 1377                  | Methods of test for soils for civil engineering purposes   | 600                        |
| BS 1377-2                | Part 2: Classification tests (11/05)   | 631                        |
| BS 1377-3                | Part 3: Chemical and electro-chemical tests (11/05)  | 637<br>644                 |
| BS 1377-4                | Part 4: Compaction-related tests (11/05)   | 804                        |
| BS 1377-5                | Part 5: Compressibility, permeability and durability tests (11/05)   | 640                        |
| BS 1377-6                | Part 6: Consolidation and permeability tests in hydraulic cells and with pore pressure measurement (11/05)   | 640                        |
| BS 1707                  | Specification for hot binder distributors for road surface dressing  | 919<br>922                 |
| BS 1722                  | Fences (11/09)   | Table NG 1/1<br>303<br>307 |
| BS 1722-16               | Part 16: Specification for organic powder coatings to be used as plastics finish to components and mesh (11/09)  | Table NG 1/1               |
| BS 1881                  | Testing concrete (05/04)   |                            |
| BS 1881-204              | Part 204: Recommendations on the use of electromagnetic cover meters (11/05)   | 1727                       |
| BS 1881-205              | Part 205: Recommendations for radiography of concrete (11/05)  | 1727                       |
| BS 1924                  | Stabilized materials for civil engineering purposes (11/09)  | 870<br>1059                |
| BS 2015                  | Glossary of paint and related terms (05/03)  | 5007                       |
| BS 2499                  | Hot-applied joint sealant systems for concrete pavements (11/09)   | 713                        |
| BS 2499-1                | Part 1: Specification for joint sealants (11/09)   | 711                        |
| BS 3145                  | Specification for laboratory pH meters   | Table NG 16/1              |
| BS 3882                  | Specification for topsoil  | 3006                       |
| BS 3900                  | Methods of test for paints   |                            |
| BS 3900-A10,<br>ISO 3233 | Part A10: Tests on liquid paints (excluding chemical tests).<br>Determination of percentage volume of non-volatile matter by measurement of the density of a dried coating (11/09) | 5008                       |
| BS 3900-C5               | Part C5: Determination of film thickness (11/05)   | 1914                       |

|             |  |   |
|-------------|--|---|
| BS 3921     | Specification for clay bricks (05/05)  | 2417<br>NG Sample Appx 24/1<br>NG Sample Appx 25/3  |
| BS 3969     | Recommendations for turf for general purposes  | 3005  |
| BS 4027     | Specification for sulfate-resisting Portland cement (05/04)  | 1702<br>1704  |
| BS 4254     | Specification for two-part polysulphide-based sealants   | 1016<br>1017  |
| BS 4449     | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification (11/09) | Table NG 1/1<br>1712  |
| BS 4482     | Steel wire for the reinforcement of concrete products. Specification (11/09)   | Table NG 1/1<br>1712  |
| BS 4483     | Steel fabric for the reinforcement of concrete. Specification (11/09)  | Table NG 1/1<br>1712  |
| BS 4486     | Specification for hot rolled and hot rolled and processed high tensile alloy bars for the prestressing of concrete (11/09) | Table NG 1/1  |
| BS 4800     | Schedule of paint colours for building purposes (11/09)  | 1911<br>1912<br>1912NI<br>NG Sample Appx 19/4<br>NG Sample Appx 19/4SE<br>NG Sample Appx 19/4NI<br>5008<br>5009<br>5009NI<br>NG Sample Appx 50/4<br>NG Sample Appx 50/4SE |
| BS 5080     | Structural fixings in concrete and masonry   | 403<br>1305   |
| BS 5228     | Code of practice for Noise and vibration control on construction and open sites (05/14)                                    |   |
| BS 5228-1   | Part 1: Noise (05/14)  | 109   |
| BS 5228-2   | Part 2: Vibration (05/14)  | 109   |
| BS 5400     | Steel, concrete and composite bridges (11/09)  | 1612  |
| BS 5400-4   | Part 4: Code of practice for design of concrete bridges (12/14)  | 1602<br>1603<br>1610  |
| BS 5400-9.1 | Part 9.1: 1983. Code of practice for design of bridge bearings (11/05)   | NG Sample Appx 21/1   |
| BS 5400-9.2 | Part 9.2: 1983. Specification for materials, manufacture and installation of bridge bearings (11/09)                       | 2101  |
| BS 5480     | Specification for glass reinforced plastics (GRP) pipes, joints and fittings for use for water supply or sewerage          | NG Sample Appx 5/1  |
| BS 5489     | Code of practice for the design of road lighting (05/06)   |   |
| BS 5489-1   | Part 1: Lighting of roads and public amenity area (11/09)  | NG Sample Appx 14/2   |
| BS 5589     | Code of practice for preservation of timber  | 304   |
| BS 5628     | Code of practice for use of masonry (11/09)  | 2417  |

|                          |   |   |
|--------------------------|---|---|
| BS 5628-1                | Part 1: Structural use of unreinforced masonry (11/09)  | 2404  |
| BS 5628-3                | Part 3: Materials and components, design and workmanship (11/05)  | 2401<br>2404<br>2409<br>2412<br>2413<br>2414<br>2415  |
| BS 5649                  | Lighting columns (11/06)  |   |
| BS 5649-2                | Part 2: 1978 (AMD 3136, 1979). Dimensions and tolerances (11/06)  | 1309<br>NG Sample Appx 13/1<br>NG Sample Appx 13/3<br>NG Sample Appx 13/7<br>NG Sample Appx 13/9<br>Appx 13/1NI |
| BS 5666                  | Methods of analysis of wood preservatives and treated timber  |   |
| BS 5666-2                | Part 2: Qualitative analysis (11/05)  | 311   |
| BS 5666-3                | Part 3: Quantitative analysis of preservatives and treated timber containing copper/chromium/arsenic formulations (11/05)   | 311   |
| BS 5835                  | Recommendations for testing of aggregates (11/09)   | 804<br>824  |
| BS 5896                  | Specification for high tensile steel wire and strand for the prestressing of concrete (11/09)   | Table NG 1/1  |
| BS 5930                  | Code of practice for site investigations (formerly CP 2001)   | 642   |
| BS 5931                  | Code of practice for machine laid in situ edge details for paved areas (11/03)  | Table NG 1/1  |
| BS 5972                  | Specification for photoelectric control units for road lighting   | 1411  |
| BS 5975                  | Code of practice for temporary works procedures and the permissible stress design of falsework (12/14)  | 1710  |
| BS 6089                  | Assessment of in-situ compressive strength in structures and precast concrete components. Complementary guidance to that given in BS EN 13791 (12/14)   | 1707<br>1727  |
| BS 6349                  | Maritime Structures   | 1606  |
| BS 6472                  | Human response to vibration in buildings (05/14)  | 109   |
| BS 6744                  | Stainless steel bars for the reinforcement of and use in concrete. Requirements and test methods (11/09)  | Table NG 1/1  |
| BS 6779                  | Highway parapets for bridges and other structures (11/05)   |   |
| BS 6779-1                | Part 1: Specification for vehicle containment parapets of metal construction. 1998 (Amd. No 14290, 21 March 2003) (11/09)   | 408<br>Table NG 1/1   |
| BS 6910                  | Cold pour resin compound and heat-shrink cable joints in the voltage range up to 1000 V a.c. and 1500 V d.c.  |   |
| BS 6910-2                | Part 2: Code of practice for on-site installation (11/05)   | 1422  |
| 'BS 7079-B8, ISO 8502-8' | Preparation of steel substrates before application of paints and related products. Methods for the assessment of surface cleanliness. Field method for the refractometric determination of moisture (05/05) | 1914<br>5012  |

|              |   |  |
|--------------|---|--|
| BS 7430      | Code of practice for earthing   | 1420   |
| BS 7668      | Specification for weldable structural steels. Hot finished structural hollow sections in weather resistant steels (11/09)                           | NG Sample Appx 18/1  |
| BS 7671      | Regulations for Electrical Installations. IEE Wiring Regulations (11/09)  | Table NG 1/1<br>1418<br>1420<br>1424<br>1424NI<br>1512                                     |
| BS 7818      | Specification for pedestrian restraint systems in metal (05/17)   | 411<br>NG Sample Appx 4/1  |
| BS 7903:1997 | Guide to selection and use of gully tops and manholes covers for installation within the highway (05/06)  | 507  |
| BS 7973-2    | Spacers and chairs for steel reinforcement and their specification. Fixing and application of spacers and chairs and tying of reinforcement (01/20) | 1008   |
| BS 8002      | Code of practice for earth retaining structures   | 1615   |
| BS 8004      | Code of practice for foundations  | 1602<br>1603<br>1610   |
| BS 8008      | Safety precautions and procedures for the construction and descent of machine-bored shafts for piling and other purposes                            | 1603   |
| BS 8102      | Code of practice for protection of structures against water from the ground   | 1610<br>1613   |
| BS 8500      | Concrete. Complementary British Standard to BS EN 206-1 (05/17)   | 1701<br>1704<br>1707<br>2602   |
| BS 8500-1    | Part 1: Method of specifying and guidance for the specifier (11/09)   | 1001<br>1004<br>1701<br>1703<br>1704<br>1707<br>NG Sample Appx 17/1<br>NG Sample Appx 17/5 |
| BS 8500-2    | Part 2: Specification for constituent materials and concrete (11/09)  | 1001<br>1004<br>1702<br>1704<br>1705<br>1710   |
| BS 8666      | Scheduling dimensioning bending and cutting of steel reinforcement for concrete. Specification (12/14)  | 1713<br>Table NG 1/1<br>Table NG 17/1  |
| BS 9124      | Specification for steel and aluminium access cover systems with over 1m clear opening (11/09)   | 507  |



|              |  |   |
|--------------|--|---|
| BS 594987    | Asphalt for roads and other paved areas. Specification for transport, laying and compaction and type testing protocols (11/09) | 903<br>904<br>905<br>906<br>910<br>911<br>911TS<br>911W<br>912<br>916<br>920<br>921<br>925<br>929<br>930<br>937<br>942<br>943 |
| BS EN 40     | Lighting Columns   |   |
| BS EN 40-3-1 | Part 3-1: Design and verification – Specification for characteristic loads (11/04)   | #NG Sample Appx 13/1<br>NG Sample Appx 13/1 NI<br>NG Sample Appx 13/2<br>NG Sample Appx 13/8                                  |
| BS EN 40-5   | Part 5: Requirements for steel lighting columns (11/03)  | 1310  |
| BS EN 40-6   | Part 6: Requirements for aluminium lighting columns (11/03)  | 1310  |
| BS EN 58     | Bitumen and bituminous binders. Sampling bituminous binders (11/09)  | NG Sample Appx 7/1<br>NG Sample Appx 7/1TS  |
| BS EN 124    | Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control    | 507   |
| BS EN 166    | Personal eye protection. Specifications (05/06)  | NG Sample Appx 1/20 NI  |
| BS EN 197    | Cement (12/14)   |   |
| BS EN 197-1  | Part 1: Composition, specification and conformity criteria for low heat common cements (12/14)                                 | 1702<br>1704  |
| BS EN 206    | Concrete   | 1004  |
| BS EN 206-1  | Part 1: Specification, performance, production and conformity (05/17)  | 1001<br>1701<br>1704<br>1705<br>1706<br>1707<br>1710  |
| BS EN 206-9  | Concrete. Additional rules for self-compacting concrete (SCC) (12/14)  | 1706  |
| BS EN 287    | Qualification test of welders. Fusion welding (12/14)  |   |
| BS EN 287-1  | Part 1: Steels (12/14)   | Table NG 1/1  |

|             |   |  |
|-------------|---|--|
| BS EN 335   | Hazard classes of wood and wood-based products against biological attack (05/06)  |  |
| BS EN 335-1 | Part 1: Classification of hazard classes (11/05)  | 311  |
| BS EN 350   | Durability of wood and wood-based products. Natural durability of solid wood (05/06)  |  |
| BS EN 350-2 | Part 2: Guide to natural durability and treatability of selected wood species of importance in Europe (11/05)                                 | 311  |
| BS EN 351   | Durability of wood and wood-based products. Preservative treated (05/06)  |  |
| BS EN 351-1 | Part 1: Classification of preservative penetration and retention (11/05)  | 311  |
| BS EN 351-2 | Part 2: Guidance on sampling for the analysis of preservative treated wood (11/09)  | 311  |
| BS EN 388   | Protective gloves against mechanical risks (05/06)  | NG Sample Appx 1/20NI  |
| BS EN 397   | Specification for industrial safety helmets (11/05)   | NG Sample Appx 1/20NI  |
| BS EN 445   | Grout for prestressing tendons – Test methods (12/14)   | 1711   |
| BS EN 446   | Grout for prestressing tendons – grouting procedures (12/14)  | 1711   |
| BS EN 447   | Grout for prestressing tendons – basic requirements (12/14)   | 1711   |
| BS EN 471   | Specification for high-visibility warning clothing (05/06)  | NG Sample Appx 1/20NI  |
| BS EN 571   | Non-destructive testing (05/06)   |  |
| BS EN 571-1 | Part 1: Penetrant testing – General principles (05/06)  | Table NG1/1  |
| BS EN 599   | Durability of wood and wood-based products – Performance of preventive wood preservatives as determined by biological tests (05/06)           |  |
| BS EN 599-1 | Part 1: Specification according to hazard class of preservative-treated wood (11/05)  | 311  |
| BS EN 727   | Plastics piping and ducting systems. Thermoplastics pipes and fittings. Determination of Vicat softening temperature (VST) (05/06)            | NG Sample Appx 5/7<br>Table 1  |
| BS EN 728   | Plastics piping and ducting systems. Polyolefin pipes and fittings. Determination of oxidation induction time (11/03)                         | NG Sample Appx 5/7<br>Tables 2 and 3                                       |
| BS EN 743   | Plastics piping and ducting systems. Thermoplastics pipes. Determination of the longitudinal reversion (05/06)                                | NG Sample Appx 5/7<br>Table 1  |
| BS EN 752   | Drain and sewer systems outside buildings (11/03)   |  |
| BS EN 752-3 | Part 3: Planning (11/05)  | 2505   |
| BS EN 763   | Plastics piping and ducting systems. Injection-moulded thermoplastics fittings. Test method for visually assessing effects of heating (05/06) | NG Sample Appx 5/7<br>Tables 1, 2 and 3                                    |
| BS EN 771   | Specification for masonry units (11/05)   |  |
| BS EN 771-1 | Part 1: Clay masonry units (11/09)  | 2406<br>2417<br>Table NG 1/1<br>NG Sample Appx 24/1<br>NG Sample Appx 25/1 |
| BS EN 771-3 | Part 3: Aggregate concrete masonry units (dense and lightweight aggregates) (11/09)   | 2407<br>NG Sample Appx 24/1  |



|              |   |  |
|--------------|---|--|
| BS EN 772    | Methods of test for masonry units (11/05)   |  |
| BS EN 772-1  | Part 1: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11/05)  | NG Sample Appx 24/1  |
| BS EN 772-2  | Part 2: Determination of percentage area of voids in aggregate concrete masonry units (by paper indentation) (11/09)  | 2407<br>Table NG 1/1   |
| BS EN 918    | Geotextiles and geotextile-related products. Dynamic performance (cone drop test) (02/16)   | NG Sample Appx 6/5   |
| BS EN 922    | Plastics piping and ducting systems. Pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U). Specimen preparation for determination of the viscosity number and calculation of the k-value (05/06)    | NG Sample Appx 5/7<br>Table 1                                |
| BS EN 933    | Tests for geometrical properties of aggregates  | 600  |
| BS EN 933-1  | Part 1: Determination of particle size distribution – sieving method (11/09)  | 870<br>901<br>1059   |
| BS EN 934    | Admixtures for concrete, mortar and grout (05/06)   |  |
| BS EN 934-2  | Part 2: Concrete admixtures – Definitions, requirements, conformity, marking and labelling (11/05)  | 1704   |
| BS EN 934-3  | Part 3: Admixtures for masonry mortar – Definitions, requirements, conformity, marking and labelling (11/09)  | NG Sample Appx 24/1  |
| BS EN 971    | Paints and varnishes. Terms and definitions for coating materials (05/06)   |  |
| BS EN 971-1  | Part 1: General Terms (05/06)   | 5007   |
| BS EN 1008   | Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete (11/03) | Table NG 1/1   |
| BS EN 1011   | Welding – Recommendations for welding of metallic materials   |  |
| BS EN 1011-3 | Part 3: Arc welding of stainless steels (12/14)   | NG Sample Appx 18/1  |
| BS EN 1090   | Execution of steel structures and aluminium structures. (12/14)   |  |
| BS EN 1090-1 | Part 1: Requirements for conformity assessment of structural components (12/14)   | 1800   |
| BS EN 1090-2 | Part 2: Technical requirements for steel structures (12/14)   | Table NG 1/1<br>1800<br>1801<br>1802<br>1805<br>1812<br>1906 |
| BS EN 1097   | Tests for mechanical and physical properties of aggregates (11/05)  |  |
| BS EN 1097-2 | Part 2: Methods for the determination of resistance to fragmentation (11/05)  | 1001<br>1702   |
| BS EN 1097-8 | Part 8: Determination of the polished stone value (11/03)   | 924  |
| BS EN 1179   | Specification for zinc and zinc alloys. Primary zinc (05/03)  | Table NG 1/1   |
| BS EN 1290   | Non-destructive examination of welds. Magnetic particle examination of welds. (12/14)   | Table NG 1/1   |

|              |  |  |
|--------------|--|--|
| BS EN 1295   | Structural design of buried pipelines under various conditions of loading  | Table NG 5/1                               |
| BS EN 1295-1 | Part 1: General Requirements (11/05)   | 2505                                       |
| BS EN 1301   | Aluminium and aluminium alloys. Drawn wire (11/09)   |  |
| BS EN 1301-1 | Part 1: Technical conditions for inspection and delivery (11/09)   | Table NG 1/1                               |
| BS EN 1317   | Road restraint systems (05/04)   | 401<br>402                                 |
| BS EN 1317-1 | Part 1: Terminology and general criteria for test methods (11/05)  | NG Sample Appx 4/2                         |
| BS EN 1317-2 | Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers (11/05)  | NG Sample Appx 4/2                         |
| BS EN 1317-5 | Part 5: Product requirements and evaluation of conformity for vehicle restraint systems. (05/17)   | 401<br>NG Sample Appx 4/1                  |
| BS EN 1320   | Destructive tests on welds in metallic materials. Fracture tests (05/04)   | 402<br>408                                 |
| BS EN 1337   | Structural Bearings (02/16)  | 2101<br>NG Sample Appx 21/1                |
| BS EN 1337-3 | Elastomeric Bearings (02/16)   | Table NG 1/1                               |
| BS EN 1338   | Concrete paving blocks-Requirements and test methods (11/04)   | NG Sample Appx 11/1                        |
| BS EN 1339   | Concrete paving flags-Requirements and test methods (11/04)  | NG Sample Appx 11/1                        |
| BS EN 1340   | Concrete kerb units-Requirements and test methods (11/09)  | NG Sample Appx 11/1                        |
| BS EN 1341   | Slabs of natural stone for external paving – Requirements and test methods (11/04)   | NG Sample Appx 11/1                        |
| BS EN 1344   | Clay pavers-Requirements and test methods (11/04)  | NG Sample Appx 11/1                        |
| BS EN 1367   | Tests for thermal and weathering properties of aggregates  |  |
| BS EN 1367-4 | Part 4: Determination of drying shrinkage (11/05)  | 1702                                       |
| BS EN 1418   | Welding personnel. Approval testing of welding operators for fusion welding and resistance weld setters for fully mechanised and automatic welding of metallic materials (12/14) | Table NG 1/1                               |
| BS EN 1426   | Methods of tests for petroleum and its products. Bitumen and bituminous binders. Determination of needle penetration (11/09)   | NG Sample Appx 7/1<br>NG Sample Appx 7/1TS |
| BS EN 1433   | Drainage channels for vehicular and pedestrian areas. Classification, design and testing requirements, marking and evaluation of conformity (11/04)                              | NG Sample Appx 5/5<br>NG Sample Appx 5/6   |
| BS EN 1436   | Road Marking materials. Road marking performance for road users  | 1212<br>NG Sample Appx 12/3                |
| BS EN 1504   | Products and systems for the protection and repair of concrete structures. Definitions, requirements, quality control and evaluation of conformity (12/14)                       | 1704<br>1707                               |
| BS EN 1537   | Execution of special geotechnical works. Ground anchors (02/16)  | 624  |
| BS EN 1610   | Construction and testing of drains and sewers (11/09)  | 2506                                       |
| BS EN 1744   | Tests for chemical properties of aggregates (02/16)  |  |

|                |  |   |
|----------------|--|---|
| BS EN 1744-1   | Chemical analysis (02/16)  | Table NG 1/1<br>644<br>NG Sample Appx 6/1                                     |
| BS EN 1790     | Road marking materials. Performance road markings  | 1212  |
| BS EN 1793     | Road traffic noise reducing devices – Test method for mining the acoustic performance (05/06)                                      |   |
| BS EN 1793-1   | Part 1: Intrinsic characteristic of sound absorption (05/06)   | 2504<br>NG Sample Appx 25/4   |
| BS EN 1793-2   | Part 2: Intrinsic characteristic of airborne sound insulation (05/06)  | 2504<br>NG Sample Appx 25/4   |
| BS EN 1794     | Road traffic noise reducing devices. Non-acoustic performance (11/05)  |   |
| BS EN 1794-1   | Part 1: Mechanical performance and stability requirements (11/05)  | 2504<br>NG Sample Appx 25/4   |
| BS EN 1794-2   | Part 2: General safety and environmental requirements (11/05)  | 2504<br>NG Sample Appx 25/4   |
| BS EN 1824     | Road marking materials. Road trials (11/09)  | 1212<br>Table NG 1/1  |
| BS EN 1992     | Eurocode 2. Design of concrete structures. Concrete bridges (12/14)  | 1701  |
| BS EN 1992-1-1 | General rules and rules for buildings (12/14)  | 1701<br>Table NG 17/1<br>1704<br>1710<br>1712<br>1713<br>1716<br>1717<br>1727 |
| BS EN 1992-2   | Design and detailing rules (12/14)   | 1703<br>1704<br>1712  |
| BS EN 1993     | Eurocode 3. Design of steel structures. (12/14)  | 1801  |
| BS EN 1993-1-8 | Design of joints (12/14)   | 1808  |
| BS EN 1994     | Eurocode 4. Design of composite steel and concrete structures. (12/14)   | 1801  |
| BS EN 1997     | Eurocode 7. Geotechnical design (02/16)  |   |
| BS EN 1997-1   | General rules (02/16)  | 624<br>630  |
| BS EN 10025    | Hot rolled products of structural steels (11/05)   |   |
| BS EN 10025-1  | Part 1: General technical delivery conditions (11/09)  | 1309<br>Table NG 1/1  |
| BS EN 10025-2  | Part 2: Technical delivery conditions for non-alloy structural steels (11/09)  | 1309<br>Table NG 1/1  |
| BS EN 10029    | Specification for tolerances on dimensions, shape and mass for hot rolled steel plates 3 mm thick or above (11/03)                 | Table NG 1/1  |
| BS EN 10048    | Hot rolled narrow steel strip. Tolerances on dimensions and shape (11/03)  | Table NG 1/1  |
| BS EN 10051    | Continuously hot-rolled uncoated plate, sheet and strip of non-alloy and alloy steels – Tolerances on dimensions and shape (11/03) | Table NG 1/1  |

|               |   |  |
|---------------|---|--|
| BS EN 10080   | Steel for reinforcement of concrete. Weldable reinforcing steel. General. (12/14)   | 1712                                       |
| BS EN 10088   | Stainless steels (12/14)  | NG Sample Appx 18/1                        |
| BS EN 10160   | Ultrasonic testing of steel flat product of thickness or greater than 6mm (reflection method)   | 1801                                       |
| BS EN 10163   | Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections. (12/14)  | NG Sample Appx 18/1                        |
| BS EN 10210   | Hot finished structural hollow sections of non-alloy and fine grain structural steels (11/09)   | NG Sample Appx 18/1                        |
| BS EN 10223   | Steel wire and wire products for fencing and netting (02/16)  |  |
| BS EN 10223-3 | Hexagonal steel wire mesh products for civil engineering purposes (02/16)   | Table NG 1/1                               |
| BS EN 10223-8 | Welded mesh gabion products (02/16)   | Table NG 1/1                               |
| BS EN 10244   | Steel wire and wire products. Non-ferrous metallic coatings on steel wire (02/16).  |  |
| BS EN 10244-2 | Zinc or zinc alloy coatings (02/16)   | 626  |
| BS EN 10245   | Steel wire and wire products. Organic coatings on steel wire. (02/16)   | 626  |
| BS EN 10258   | Cold-rolled stainless steel narrow strip and cut lengths – Tolerances on dimensions and shape (11/03)   | Table NG 1/1                               |
| BS EN 10259   | Cold-rolled stainless steel wide strip and plate/sheet. Tolerances on dimensions and shape (11/03)  | Table NG 1/1                               |
| BS EN 12062   | Non-destructive examination of welds. General rules for metallic materials (12/14)  | Table NG 1/1                               |
| BS EN 12271   | Surface dressing. Requirements (11/09)  | 922  |
| BS EN 12272   | Surface dressing – Test methods (11/05)   |  |
| BS EN 12272-1 | Part 1: Rate of spread and accuracy of spread of binder and Chippings (11/05)   | 922  |
| BS EN 12272-2 | Part 2: Visual Assessment of Defects (11/05)  | 922  |
| BS EN 12273   | Slurry surfacing. Requirements (11/09)  | 918  |
| BS EN 12274   | Slurry Surfacing. Test methods (11/09)  |  |
| BS EN 12274-8 | Part 8: Visual assessment of defects (11/09)  | 918  |
| BS EN 12350   | Testing fresh concrete (05/04)  | 1707                                       |
| BS EN 12350-7 | Part 7: Air content – Pressure methods (11/05)  | 1707                                       |
| BS EN 12368   | Traffic control equipment – signal heads (08/03)  | 1217                                       |
| BS EN 12390   | Testing hardened concrete (05/04)   | 1707                                       |
| BS EN 12390-1 | Part 1: Shape, dimensions and other requirements for specimens and moulds (11/09)   | 1004                                       |
| BS EN 12490   | Durability of wood and wood-based products. Preservative-treated solid wood. Determination of the penetration and retention of creosote in treated wood | 311  |
| BS EN 12591   | Bitumen and bituminous binders – Specifications for paving grade bitumens (11/09)   | NG Sample Appx 7/4                         |
| BS EN 12593   | Methods of test for petroleum and its products. Bitumen and bituminous binders. Determination of the Fraass breaking point (11/09)                      | NG Sample Appx 7/1<br>NG Sample Appx 7/1TS |

|                |   |  |
|----------------|---|--|
| BS EN 12607    | Methods of test for petroleum and its products – Bitumen and bituminous binders (11/09)                                       |  |
| BS EN 12607-1  | Part 1: Determination of the resistance to hardening under the influence of heat and air. RTFOT method (11/09)                | 955<br>Figure NG 9/1<br>NG Sample Appx 7/1<br>NG Sample Appx 7/1TS |
| BS EN 12620    | Aggregates for concrete (11/09)   | 622<br>1001<br>1603<br>1610<br>1702                                |
| BS EN 12676    | Anti-glare systems for roads (05/04)  |  |
| BS EN 12676-1  | Part 1: Performance and characteristics (05/17)   | 412  |
| BS EN 12697    | Bituminous mixtures – Test methods for hot mix asphalt (11/05)  | 925  |
| BS EN 12697-22 | Part 22: Wheel tracking (11/09)   | 942<br>943   |
| BS EN 12697-26 | Part 26: Stiffness (11/09)  | 929  |
| BS EN 12697-27 | Sampling (05/18)  | 942  |
| BS EN 12697-37 | Part 37: Hot sand test for the adhesivity of binder on precoated chippings for HRA (11/09)                                    | 915  |
| BS EN 12812    | Falsework. Performance requirements and general design (12/14)  | 1710   |
| BS EN 12843    | Precast concrete products. Masts and poles (12/14)  | 1710   |
| BS EN 13036    | Road and airfield surface characteristics – Test methods (05/06)  |  |
| BS EN 13036-1  | Part 1: Measurement of pavement surface macrotexture depth using a volumetric patch technique (11/09)                         | 942  |
| BS EN 13043    | Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas (11/03)             | 901  |
| BS EN 13055    | Lightweight aggregates (12/14)  | 1702   |
| BS EN 13055-1  | Part 1: Lightweight aggregates for concrete, mortar and grout (12/14)   | 1702   |
| BS EN 13074    | Bitumen and bituminous binders. Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders. (05/18) |  |
| BS EN 13074-1  | Recovery by evaporation. (05/18)  | 955  |
| BS EN 13108    | Bituminous mixtures. Material specifications (11/09)  | 901<br>902<br>911<br>911TS<br>925<br>942                           |
| BS EN 13108-1  | Part 1: Asphalt concrete (11/09)  | 929<br>930   |
| BS EN 13108-4  | Part 4: Hot rolled asphalt (11/09)  | 915  |
| BS EN 13108-5  | Part 5: Stone mastic asphalt (11/09)  | 937  |
| BS EN 13108-7  | Part 7: Porous Asphalt (11/09)  | 938  |



|                |   |   |
|----------------|---|---|
| BS EN 13108-20 | Part 20: Type testing (11/09)   | 902<br>929<br>930<br>937<br>943   |
| BS EN 13183    | Moisture content of a piece of sawn timber (05/06)  |   |
| BS EN 13183-1  | Part 1: Determination by oven-dry method (05/06)  | 311   |
| BS EN 13183-2  | Part 2: Determination by electrical method (05/06)  | 311   |
| BS EN 13201    | Road lighting (05/06)   |   |
| BS EN 13201-2  | Part 2: Performance requirements (11/06)  |   |
| BS EN 13242    | Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction (11/09)                  | Table NG 1/1<br>503<br>600<br>613<br>800<br>801<br>803<br>805<br>806<br>820<br>1051<br>1052 |
| BS EN 13251    | Geotextiles and geotextile-related products. Characteristics required for use in earthworks, foundations and retaining structures (02/16) | 607<br>NG Sample Appx 6/5   |
| BS EN 13285    | Unbound mixtures – Specification (11/09)  | Table NG 1/1<br>505<br>600<br>613<br>800<br>801<br>803<br>804<br>805<br>806                 |
| BS EN 13286    | Unbound and hydraulically bound mixtures (11/09)  | 810<br>870<br>1059  |
| BS EN 13286-4  | Part 4: Test methods for laboratory reference density and water content. Vibrating hammer (11/09)   | 804   |
| BS EN 13286-40 | Part 40: Test method for determination of the direct tensile strength of hydraulically bound mixtures (11/09)                             | 810   |
| BS EN 13286-41 | Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures (11/09)                            | 810   |
| BS EN 13286-42 | Part 42: Test method for the determination of the indirect tensile strength of hydraulically bound mixtures (11/09)                       | 810   |
| BS EN 13286-43 | Part 43: Test method for the determination of the modulus of elasticity of hydraulically bound mixtures (11/09)                           | 810   |



|                |  |   |
|----------------|--|---|
| BS EN 13588    | Bitumen and bituminous binders – Determination of cohesion of bituminous binders with pendulum test. (05/18)                       | 918<br>919<br>922<br>955  |
| BS EN 13632    | Bitumen and bituminous binders. Visualisation of polymer dispersion in polymer modified bitumen (02/16)                            | NG Sample Appx 7/1  |
| BS EN 13369    | Common rules for precast concrete products (12/14)   | 1704<br>1710<br>NG Sample Appx 17/7   |
| BS EN 13670    | Execution of concrete structures (12/14)   | 1701<br>Table NG 17/1<br>1704<br>1707<br>1710<br>1711<br>1713<br>1724<br>1725 |
| BS EN 13391    | Mechanical tests for post-tensioning systems (11/09)   | Table NG 1/1  |
| BS EN 13422    | Vertical road signs. Portable deformable warning devices and delineators. Portable road traffic signs. Cones and cylinders (11/09) | Table NG 1/1  |
| BS EN 13791    | Assessment of in-situ compressive strength in structures and pre-cast concrete components (12/14)                                  | 1707<br>1727  |
| BS EN 13808    | Bitumen and bituminous binders. Framework for specifying cationic bituminous emulsions. (11/09)                                    | Table NG 9/8<br>920<br>Table NG 9/13<br>955                                   |
| BS EN 13877    | Concrete pavements (11/09)   |   |
| BS EN 13877-1: | Part 1: Materials (11/09)  | 1000<br>1001<br>1004  |
| BS EN 13877-2  | Part 2: Functional requirements for concrete pavements (11/09)   | 1000<br>1001<br>1003<br>1004  |
| BS EN 13924    | Bitumen and bituminous binders. Specifications for hard paving grade binders (11/09)   | NG Sample Appx 7/4<br>930<br>955  |
| BS EN 14188    | Joint fillers and sealants. Specifications for primers to be used with joint sealants (02/16)                                      | 711   |
| BS EN 14227    | Hydraulically bound mixtures – Specifications (11/09)  | 800<br>810<br>870<br>1051<br>1059   |

|                 |  |   |
|-----------------|--|---|
| BS EN 14227-1   | Part 1: Cement bound granular mixtures for road bases and subbases (11/09)   | 800<br>810<br>Table NG 8/1<br>821<br>822<br>823<br>1051<br>1054 |
| BS EN 14227-2   | Part 2: Slag bound mixtures (11/09)  | 800<br>Table NG 8/1<br>830<br>831<br>832<br>834<br>835          |
| BS EN 14227-3   | Part 3: Fly ash bound mixtures (11/09)   | 800<br>Table NG 8/1<br>830<br>831<br>832<br>834<br>835          |
| BS EN 14227-4   | Part 4: Fly ash for hydraulically bound mixtures (11/09)   | 800   |
| BS EN 14 227-5  | Part 5: Hydraulic road binders bound mixtures (11/09)  | 800<br>810<br>Table NG 8/1<br>830<br>831<br>832<br>834<br>835   |
| BS EN 14 227-10 | Part 10: Soil cement and cement stabilized soils (11/09)   | 800<br>Table NG 8/1   |
| BS EN 14227-11  | Part 11: Soil treated by lime (11/09)  | 800<br>813  |
| BS EN 14227-12  | Part 12: Soil treated by slag (11/09)  | 800<br>Table NG 8/1   |
| BS EN 14227-13  | Part 13: Soil treated by hydraulic road binder (11/09)   | 800<br>Table NG 8/1   |
| BS EN 14227-14  | Part 14: Soil treated by fly ash (11/09)   | 800   |
| BS EN 14399     | High-strength structural bolting assemblies for preloading (12/14)   | 1805  |
| BS EN 14555     | Welding. Arc stud welding of metallic materials. (12/14)   | Table NG 1/1  |
| BS EN 14769     | Methods of test for petroleum and its products. Bitumen and bituminous binders. Accelerated long-term ageing conditioning by a pressure vessel (PAV) (11/09) | 955   |
| BS EN 14647     | Calcium aluminate cement. Composition, specifications and conformity criteria (12/14)  | 1702  |

|                                    |  |   |
|------------------------------------|--|---|
| BS EN 14770                        | Bitumen and bituminous binders. Determination of complex shear modulus and phase angle, Dynamic Shear Rheometer (DSR). (05/18) | 918<br>919<br>955                       |
| BS EN 14844                        | Precast concrete products. Box culverts (12/14)  | 1710                                    |
| BS EN 14889                        | Fibres for concrete (12/14)  | 1702                                    |
| BS EN 15050                        | Precast concrete products. Bridge elements (12/14)   | 1710                                    |
| BS EN 15258                        | Precast concrete products. Retaining wall elements (12/14)   | 1710                                    |
| BS EN 16236                        | Evaluation of conformity of aggregates. Initial Type Testing and Factory Production Control. (12/14)                           | 1702                                    |
| BS EN 15167-1                      | Part 1: Definitions, specifications and conformity criteria (12/14)  | 1710                                    |
| BS EN 22063                        | Metallic and other inorganic coatings. Thermal spraying. Zinc, aluminium and their alloys (05/03)                              | 5006                                    |
| BS EN 45011                        | General requirements for bodies operating product certification schemes (05/18)  | 942                                     |
| BS EN ISO 527-1                    | Plastics. Determination of tensile properties<br>General principles (05/06)  | NG Sample Appx 5/7<br>Tables 1, 2 and 3 |
| BS EN ISO 1133                     | Plastics. Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics (11/06)         | NG Sample Appx 5/7<br>Tables 2 and 3    |
| 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<br>Tables 1 and 2    |
| 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<br>1904<br>1907<br>1910    |
| 'BS EN ISO 2808,<br>BS 3900-C5'    | Paints and varnishes. Determination of film thickness (11/06)  | Table NG 1/1<br>1914<br>5012            |
| 'BS EN ISO 2811-1,<br>BS 3900-A19' | Paints and varnishes. Determination of density. Pyknometer method (11/06)  | 5009<br>5009NI                          |
| BS EN ISO 2813                     | Paint and varnishes. Measurement of specular gloss of non-metallic Paint films at 20°, 60° and 85° (05/03)                     | 1911<br>5008                            |
| 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)   | 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<br>General test method (05/06)                                       | NG Sample Appx 5/7<br>Tables 1, 2 and 3 |

|                                |   |   |
|--------------------------------|---|---|
| BS EN ISO 6507                 | Metallic materials. Vickers hardness test (12/14)   | Table NG 1/1  |
| BS EN ISO 8501                 | Preparation of steel substrates before application of paints and related products. Visual assessment of surface cleanliness (12/14)   |   |
| BS EN ISO 8501-3               | Preparation grades of welds, edges and other areas with surface imperfections (12/14)   | 1810<br>NG Sample Appx 18/1   |
| BS EN ISO 8502                 | Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanliness (11/09)   | 5003<br>5003NI<br>5004  |
| 'BS EN ISO 8502-4, BS 7079-B4' | Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanliness. Guidance in the estimation of the probability of condensation prior to paint application (05/05) | 1914<br>5012  |
| BS EN ISO 8502-8, BS 7079-B8   | Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanliness. Field method for the refractometric determination of moisture (11/09)                            | 1914<br>5012  |
| 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  |
| BS EN ISO 8503-2               | Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel. Comparator procedure (12/14)   | 1904  |
| 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<br>5003NI  |
| BS EN ISO 9001                 | Quality management systems – Requirements (05/06)   | NG Sample Appx 7/3<br>NG Sample Appx 7/4<br>NG Sample Appx 7/7<br>NG Sample Appx 7/21 |
| BS EN ISO 10319                | Geosynthetics. Wide-width tensile test  | NG Sample Appx 6/5  |
| BS EN ISO 10684                | Fasteners. Hot dip galvanized coatings. (12/14)   | Table NG 1/1  |
| BS EN ISO 11058                | Geotextiles and geotextile-related products. Determination of water permeability characteristics normal to the plane, without load. (02/16)   | NG Sample Appx 6/5  |
| 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 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)  |   |
| BS EN ISO 14122-3              | Stairs, stepladders and guard-rails. (02/17)  | 1110  |

|                     |  |  |
|---------------------|--|--|
| BS EN ISO 14919     | Thermal spraying, Wires, rods and cords for flame and arc spraying. Classification. Technical supply conditions. (12/14)                 | Table NG 1/1                               |
| BS EN ISO 15609-2   | Specification and qualification of welding procedures for metallic materials. Welding procedure specification. Gas welding (11/09)       | 1310                                       |
| BS EN ISO 15613     | Specification and qualification of welding procedures for metallic materials. Qualification based on pre-production welding test (12/14) | Table NG 1/1                               |
| BS EN ISO 15614     | Specification and qualification of welding procedures for metallic materials. Welding procedure test (11/09)                             |  |
| BS EN ISO 15614-1   | Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (11/09)  | Table NG 1/1<br>402<br>408<br>1310<br>1805 |
| BS EN ISO 15614-2   | Part 2: Arc welding of aluminium and its alloys (11/09)  | 408  |
| BS EN ISO 15630     | Steel for the reinforcement and prestressing of concrete. Test methods. Test methods (12/14)   | 1718                                       |
| BS EN ISO 15630-3   | Part 3: Prestressing steel (12/14)   | 1718                                       |
| BS EN ISO 17660     | Welding – Welding of reinforcing steel (12/14)   | 1717                                       |
| BS EN ISO 17660-1   | Part 1: Load-bearing welded joints (12/14)   | 1717                                       |
| BS EN ISO 17660-2   | Part 2: Non load-bearing welded joints (12/14)   | 1717                                       |
| BS EN ISO 20345     | Personal protective equipment. Safety footwear (05/06)   | NG Sample Appx 1/20NI                      |
| BS EN ISO/IEC 17025 | General requirements for the competence of testing and calibration laboratories (05/09)  | 105  |
| BS ISO 2631         | Mechanical vibration and shock. Evaluation of human exposure to whole body vibration.  | 109  |

2. (05/01) **BRITISH STANDARD CODES OF PRACTICE**

(Published by the British Standards Institution)

CP 312 Code of practice for plastic pipework (thermoplastic materials)

NG Specification  
Clause/Table/Sample  
Appendix

518

WITHDRAWN



3. (05/01) **BRITISH STANDARD DRAFTS FOR DEVELOPMENT (DD) DOCUMENTS**  
(Published by the British Standards Institution)

DD 213: 1996 Method for determination of the indirect tensile stiffness modulus of bituminous mixtures (11/09)

NG Specification  
Clause/Table/Sample  
Appendix

948

WITHDRAWN

| 4                     | (05/01) EUROPEAN STANDARDS<br>(Including draft standards (prEN))  | NG Specification<br>Clause/Table/Sample<br>Appendix |
|-----------------------|---|---|
| EN 1829               | High pressure cleaners. High pressure water jet machines.<br>Safety requirements (11/03)  | 521   |
| EN 1905               | Plastics piping and ducting systems. Unplasticized poly<br>(vinyl chloride) (PVC-U) pipes, fittings and material. Method of<br>assessing of the PVC content based on total chloride content | NG Sample Appx 5/7<br>(Table 1)                     |
| EN 45002              | General criteria for the assessment of testing laboratories (05/04)   | 1001  |
| DD ENV<br>1317-4:2002 | Road restraint systems. Performance classes, impact test<br>acceptance criteria and test methods for terminals and transitions<br>of safety barrier (05/04)                                 | 401<br>NG Sample Appx 4/2                           |
| prEN ISO 3126         | Plastics piping systems. Plastic piping components.<br>Measurement and Determination of Dimensions<br>(Document number 00/124147(PR188NO381))   | 518   |
| prEN 10138            | Prestressing steels (12/14)   | 1718  |
| prEN 13286            | Unbound and hydraulically bound mixtures. Methods for making<br>test specimens (11/09)  | 948   |

5. (05/01) **INTERNATIONAL STANDARDS**

(Published by the International Organization for Standardization)

|             |  | NG Specification<br>Clause/Table/Sample<br>Appendix |
|-------------|--|---|
| 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<br>(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<br>(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   |
| ISO 12091   | Structured-wall thermoplastics pipes- Oven test  | NG Sample Appx 5/7<br>(Table 1)                     |

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

(Published by The Stationery Office or HMSO)

Traffic Signs Manual – Chapter 5

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

1212

1213

Traffic Signs Manual – Chapter 7

1202

Traffic Signs Manual – Chapter 8 (11/09)

117

117NI

120

NG Sample Appx 1/20

1216

NG Sample Appx 12/1

NG Sample Appx

12/1NAW

NG Sample Appx 12/1NI

Working Drawings for Traffic Sign Design and Manufacture  
(3 Volumes)

1206

1206NI

7. (05/14) **UK OVERSEEING ORGANISATIONS PUBLICATIONS INCLUDING THEIR PREDECESSOR'S PUBLICATIONS**

(Published by The Stationery Office or HMSO)

|       |  | NG Specification<br>Clause/Table/Sample<br>Appendix  |
|-------|--|--|
| GD 01 | Introduction to the Design Manual for Roads and Bridges (DMRB 0.1.2) (05/14)   | 000  |
|       | <b>Bridges – Standards</b>   |  |
| BA 86 | Advice notes on the non-destructive testing of highway structures (DMRB 3.1.7) (12/14)   | 1727   |
| BA 92 | The use of recycled concrete aggregate in structural concrete (DMRB 2.3.9) (12/14)   | 1702   |
| BD 2  | Technical Approval of Highway Structures (DMRB 1.1.1) (12/14)  | 106<br>NG Sample Appx 1/10<br>NG Sample Appx 1/11<br>NG Sample Appx 6/10<br>1802<br>NG Sample Appx 25/2<br>NG Sample Appx 25/4 |
| BD 7  | Weathering Steel for Highway Structures (DMRB 2.3.8) (02/03)   | 2504   |
| 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<br>NG Sample Appx 21/1  |
| BD 24 | Design of Concrete Highway Bridges.<br>Use of BS 5400 : Part 4 : 1990 (DMRB 1.3.1)   | 1602<br>1603<br>1610   |
| BD 26 | Design of Lighting Columns (DMRB 2.2.1) (11/09)  | 1301<br>1301 NI<br>1303<br>#NG Sample Appx 13/1<br>NG Sample Appx 13/1NI<br>NG Sample Appx 13/2                                |
| BD 33 | Expansion Joints for Use in Highway Bridge Decks (DMRB 2.3.6)  | NG Sample Appx 23/1  |
| BD 35 | Quality Assurance Scheme for Paints and Similar Protective Coatings (DMRB 2.4.1) (11/09)   | 1901<br>1914<br>5008<br>5012   |
| 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<br>2502  |

|                                |  |  |
|--------------------------------|--|--|
| BD 74                          | Foundations (DMRB 2.1.8) (11/03)   | 1602<br>1603<br>1610   |
| BD 83                          | Design of CCTV Masts (DMRB 2.2.11) (11/03)   | #1301<br>1301 NI<br>1303<br>NG Sample Appx 13/5<br>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   |
| <b>Highways – Advice Notes</b> |  |  |
| HA 40                          | Determination of Pipe and Bedding Combinations for Drainage Works (DMRB 4.2.5) (02/03)           | 501<br>NG Sample Appx 5/1<br>2505  |
| HA 41                          | A Permeameter for Road Drainage Layers (DMRB 4.2)  | 640  |
| HA 44                          | Design and Preparation of Contract Documents. (DMRB 4.1.1) (11/09)                               | 605  |
| HA 65                          | Design Guide for Environmental Barriers (DMRB 10.5.1)  | 2504   |
| HA 66                          | Environmental Barriers: Technical Requirements (DMRB 10.5.2)                                     | 2504   |
| HA 74                          | Treatment of Fill and Capping Materials Using Either Lime or Cement or Both (DMRB 4.1.6) (11/09) | 840  |
| HA 84                          | Nature Conservation and Biodiversity (DMRB 10.4.1) (11/09)                                       | 3007   |
| HA 105                         | Sumpless Gullies (DMRB 4.2.3) (05/06)  | 508  |
| <b>Highways – Standards</b>    |  |  |
| HD 22                          | Managing Geotechnical Risk (DMRB 4.1.2) (02/03)  | 1601<br>1704   |
| HD 25                          | Foundations (DMRB 7.2.2) (11/09)   | 613<br>801<br>810<br>818   |
| HD 26                          | Pavement Design (DMRB 7.2.3) (11/09)   | 701<br>810<br>818<br>819<br>929<br>NG Sample Appx 7/1,<br>NG Sample Appx 7/1TS<br>1000<br>1051<br>1054 |
| HD 28                          | Skid Resistance (11/09)  | 507  |
| HD 29                          | Data for pavement Assessment (DMRB 7.3.2) (11/09)  | 719  |
| HD 31                          | Maintenance of Bituminous Roads (DMRB 7.4.1)   | #706<br>926  |
| HD 32                          | Maintenance of Concrete Roads (DMRB 7.4.2)   | #706   |
| HD 35                          | Conservation and the Use of Secondary and Recycled Materials (DMRB 7.1.2) (05/06)                | 800  |



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|-------|--|--|
| HD 36 | Surface Materials for New and Maintenance Construction (DMRB 7.5.1) (11/09)                    | NG Sample Appx 7/7<br>NG Sample Appx 7/21<br>901<br>918<br>919<br>922<br>924<br>Table NG 9/24<br>942<br>1044 |
| HD 37 | Bituminous Surfacing Materials and Techniques (DMRB 7.5.2) (11/09)                             | NG Sample Appx 7/2<br>NG Sample Appx 7/3<br>NG Sample Appx 7/21<br>919<br>920<br>922                         |
| HD 38 | Concrete Surfacing and Materials (DMRB 7.5.2)  | 1044   |
|       | <b>Traffic Engineering – Advice Notes</b>  |  |
| TA 60 | The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2)           | #1206<br>1206NI  |
| TA92  | Crossover and Changeover Design (DMRB 8.4.6) (05/14)   | 117<br>117NI   |
|       | <b>Traffic Engineering – Standards</b>   |  |
| TD 19 | Requirement for Road Restraint Systems (DMRB 2.2.8) (05/17)                                    | 401<br>412   |
| TD 33 | The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2.2) (05/06) | 1206<br>1206NI   |
|       | <b>Contracts – Advice Notes</b>  |  |
| SA 1  | List of Compliant/Approved/Registered Products (MCHW 0.3.1) (11/09)                            | 104  |
| SA 9  | Ground Investigation Procedure (MCHW 5.3.2) (11/03)  | 600<br>1601  |
|       | <b>Contracts – Standards</b>   |  |
| SD 13 | Documentation Requirements for Ground Investigation Contracts (11/09)                          | 1601   |
|       | Design Manual for Roads and Bridges (DMRB). Volume 7 (11/09)                                   | 700<br>824<br>900<br>909<br>1000   |
|       | Design Manual for Roads and Bridges (DMRB). Volume 8   | 1301<br>1301NI   |
|       | Design Manual for Roads and Bridges (DMRB). Volume 9 (11/09)                                   | 1301<br>1301NI   |

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|----------|--|--|
|          | Design Manual for Roads and Bridges (DMRB). Volume 10 (11/09)  | 1301<br>1301NI<br>3004<br>3006<br>3012 |
|          | Trunk Road Maintenance Manual Volume 1 (11/09)   | 2606                                   |
|          | WO Trunk Road Management and Maintenance Notice 2/86   | 2606                                   |
|          | <b>Highways Agency traffic systems and signing Publications</b>  |  |
|          | <b>Traffic Control and Communications – Specifications</b>   |  |
| 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<br>1529                           |
| MCH 1540 | Specification for the Installation of Detector Loops on Motorways and all Purpose Trunk Roads (11/09)  | Table NG 1/1<br>1218                   |
| MCH 2530 |  | 125<br>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                           |
| 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<br>Clause/Table/Sample<br>Appendix     |
|--------------|--|---|
| LR 346       | Selection of materials for sub-surface drains – R Spalding   | 505<br>515  |
| LR 1094      | Pre split blasting for highway rock excavation –<br>G D Matheson, 1983   | 603   |
| LR 1102      | Compaction of bituminous road materials using vibratory rollers –<br>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 –<br>P T Sherwood and P G Roe (11/09)  | 813<br>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<br>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<br>with Lias Clay, A H Brookes, D R Carder, P Darley                                 | 610   |
| TRL 273      | Use and application of the MCA with particular reference to<br>glacial tills – G D Matheson and M G Winter   | 632SE   |
| TRL 447      | Sulfate specification for structural backfills, J M Reid,<br>M A Czerewko and J C Cripps, 2001 (11/09)   | Table NG 1/1<br>601<br>840                              |
| TRL 494      | The Behaviour of Asphalt in Adverse Hot Weather Conditions (11/09)   | 903   |
| TRL 611      | A Guide to the use and specification of cold recycled materials<br>for the maintenance of road pavement – D Nerrill M E Nunn and<br>I Carswell (11/09) | 814<br>816<br>820                                       |
| TRL 636      | The application of Enrobe a Module Eleve in flexible pavements<br>(11/09)  | 930   |
| TRL 674      | Durability of thin surfacing system, Part 4, Final report after nine<br>years monitoring. (05/18)  | 942   |
| Road Note 39 | Design Guide for Road Surface Dressing. J C Nicholls (11/09)   | NG Sample Appx 7/3<br>NG Sample Appx 7/21<br>919<br>922 |

9. (05/14) UK and EU LEGISLATION

|   | NG Specification<br>Clause/Table/Sample<br>Appendix                                   |
|---|---|
| Construction Products Regulation (EU) No.305/2011 (05/17)   | 000<br>104<br>Table NG 1/1<br>201<br>401<br>600<br>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<br>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   |
| The Roads (Northern Ireland) Order 1980   | 117NI   |
| The Construction Design and Management Regulations (05/17)  | 124<br>401  |
| The Traffic Signs Regulations and General Direction 2002 (11/09)  | 1200<br>1206<br>1212<br>1213<br>1217<br>NG Sample Appx 12/1<br>NG Sample Appx 12/1NAW |
| The Road Traffic Regulations 1984 (11/09)   | NG Sample Appx 1/27   |
| Health and Safety at Work etc. Act (1974) (05/06)   | 521   |
| Construction (Health, Safety and Welfare) Regulations (1996) (11/03)  | 521   |
| Environmental Protection Act 1990 (11/09)   | 601<br>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<br>1206NI<br>1212<br>1213<br>NG Sample Appx 12/1NI |
| The Water Act (1989)   | 1618  |
| HSE Manual Handling Operations Regulations (1992) (11/09)                                    | 507<br>518  |
| The Wildlife and Countryside Act 1981  | 3003<br>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<br>(Northern Ireland) 2002 (05/03)                   | 5001  |
| The Control of Substances Hazardous to Health<br>Regulations 2002 (11/09)                    | 1903<br>5003  |
| The Control of Substances Hazardous to Health Regulations<br>(Northern Ireland) 1999 (11/09) | 1903NI<br>5003NI  |

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

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)

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

104

NG Sample Appx 7/3

NG Sample Appx 7/7

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

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

|   |                     |
|---|---------------------|
| 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                 |
| The American Society for Testing and Materials Standard ASTM D2628 (Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements. Clause 1016, 1017) (11/09) | Table NG 1/1        |
| IAN 65/05   |                     |
| Design of Vehicle Recovery Operations at Road Works (11/05)   | NG Sample Appx 1/20 |
| Standards for fresh concrete – BS EN 206-1 and BS 8500. British Standards Publishing Limited (05/04)  | 402                 |
| Directive for Assessment of Anchor Bolts (MOAT 42). European Union of Agrément  | 403                 |
|   | 1305                |
| BRE Special Digest SD1. Concrete in aggressive ground. (Published in four parts) (11/09)  | 501                 |
| Building Research Establishment (11/05)   | 644                 |
|   | 1602                |
|   | 1603                |
|   | 1703                |
|   | 1704                |
|   | 2505                |
| HSE Manual Handling Operations Regulations 1992, Guidance on Regulations L/23-98  | 507                 |
|   | 518                 |
| HSE Booklet HS(G) 47. Avoiding danger from underground services   | NG Sample Appx 5/2  |
| Soil Guideline Values published by DEFRA and the Environment Agency (11/04)   |                     |
| <a href="http://environment-agency.gov.uk/commondata/105385/guide_to_using_sgvs_675263.pdf">http://environment-agency.gov.uk/commondata/105385/guide_to_using_sgvs_675263.pdf</a>                   | 601                 |
|   | NG Sample Appx 6/15 |
| BSI PD 6694-1 Recommendations for the design of structures subject to traffic loading to BS EN 1997-1 (02/16)   | 630                 |
| The Institution of Civil Engineers (ICE) Specification for Ground Investigation, Thomas Telford Limited – 1987  | 630                 |
| PP 5930:2002: Site investigations. A guide for higher education to BS 5930:1999. Code of practice for site investigations. British Standards Publishing Limited (11/03)                             | 642                 |

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| Specification for the Reinstatement of Openings in Highways.<br>Issued by the Highway Authorities and Utilities Committee  | 706                |
| Concrete Pavement Maintenance Manual, Concrete Society (11/09)   | 706                |
|  | 706 NI             |
|  | 1000               |
| ‘Quality Protocol for the Production of Aggregates’ from<br>Inert Waste –<br>‘Producers’ Compliance Checklist<br>Waste and Resources Action Programme, available from WRAP,<br>The Old Academy, 21 Horse Fair, Banbury OX16 0AH. The<br>document is also available on the WRAP website,<br><a href="http://www.wrap.org.uk/">http://www.wrap.org.uk/</a> (11/09) | 710                |
| PD 6682-6 ‘Aggregates for unbound and hydraulically bound<br>materials for use in civil engineering work and road construction –<br>Guidance on the use of BS EN 13242’ British Standards<br>Publishing Limited (05/04)  | 801                |
| CCIP-009 Hydraulically bound Mixtures for Pavements.<br>Concrete Society (11/09)   | 814                |
|  | 816                |
| BP/16 Stabilisation of sulphate-bearing soils. Britpave (11/09)  | 840                |
| BSI PD6691 Guidance on the use of BS EN 13108 Bituminous<br>mixtures. Material specifications. British Standards Publishing<br>Limited (11/09)   | 901                |
|  | 902                |
|  | 909                |
|  | 911                |
|  | 911TS              |
|  | 911W               |
|  | 915                |
|  | 929                |
|  | Table NG 9/25      |
|  | 930                |
|  | 937                |
|  | Table NG 9/27      |
|  | 943                |
|  | NG Sample Appx 7/1 |
| PD 6682-2: Aggregates for bituminous mixtures and surface<br>treatments for roads, airfields and other trafficked areas – Guidance<br>on the use of BS EN 13043 (05/06)  | 901                |
|  | 1704               |
| IAN 96/07 Guidance on Implementing Results of Research on<br>Bridge Deck Waterproofing (11/09)   | 903                |
| Road Surface Treatment Association (RSTA) documents (11/09)  | 922                |
| Code of Practice for Slurry Surfacing Incorporating Microsurfacing,<br>RSTA & ADEPT (05/18)  | 918                |
| The Service Life of Surface Treatments for Asset Management<br>Purposes, RSTA & ADEPT (05/18)  | 918                |
|  | 922                |
|  | 924                |
| Code of Practice for High Friction Surfacing, RSTA & ADEPT<br>(05/18)  | 924                |

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| PD 6689 Surface dressing. Guidance on the use of BS EN 122271.<br>British Standards Publishing Limited (11/09)   | 919<br>922                                 |
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| Design of Concrete Mixes. HMSO, 1988   | 1000                                       |
| A Guide to Concrete Road Construction. HMSO, 1978  | 1024                                       |
| Britpave Guide to Roller Compacted Concrete Pavements,<br>BP/55 (01/20)  | 1051<br>1055                               |
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| Institution of Lighting Engineers Technical Report 7:<br>2000 edition (11/03)  | NG Sample Appx 13/4<br>NG Sample Appx 13/5 |
| Code of Practice for Electrical Safety in Highway Electrical<br>Operation – Institution of Lighting Engineers (ILE) (05/06)  | 1401                                       |
| MPI-21-012014 Major Project Instruction – Requirement and<br>Guidance for new schemes to perform a metal theft risk<br>assessment. (02/17)   | 1502                                       |
| The Institution of Civil Engineers (ICE) Specification for Piling<br>and Embedded Retaining Walls 1996 with modifications  | 1601<br>1608<br>1609                       |
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| CIRIA Report RP408. The Role of Integrity Testing & Other<br>Non-Destructive Testing in the Evaluation of Piled Foundations  | 1608                                       |
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| PD 6682: Aggregates (12/14)   | 1702                  |
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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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| Concrete Society Publication CS 140 'Guide to flat slab falsework and formwork' (12/14)   | 1710                  |
| Concrete Society Publication CS 144 'Checklist for Assembly, Use and Striking of Formwork' (12/14)  | 1710                  |
| Concrete Society Publication CS 162 – Good concrete guide 6 'Slipforming of vertical structures' (12/14)  | 1710                  |

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