

APPENDIX B

PRODUCT CERTIFICATION SCHEMES

TABLE B/1: (05/04) Matrix of Product Certification Bodies against Schemes, for products with markings and without markings, for which accreditation has been given by UKAS or for which acceptance has been granted by the Overseeing Organisations

Certification Body	Schemes with markings					Schemes without markings
	Kitemark	Electric Cables	Reinforcing & Prestressing Steel	LRQA Mark	SGS Mark	Ready Mixed Concrete** (excluding foamed concrete) BS EN 206-1/ BS 8500
BSI	*					
BASEC		*				
CARES			*			
LRQA				*		
SGS					*	
Quality Scheme for RMC						*

(05/04) Note: ** - refers to section 2.1 below for detailed information and compliance.

The following is the list of accepted product certification schemes referred to in Clause 104.

1 (11/03) SCHEMES FOR PRODUCTS WITH MARKINGS

1.1 (05/01) Kitemark



Certification
Body (05/06):

British Standards Institution Product Services

Maylands Avenue
Hemel Hempstead
Hertfordshire
HP2 4SQ

Telephone : +44 (0) 1442 278 607

Facsimile : +44 (0) 1442 231 442

E Mail: product.services@bsi-global.com

Website: www.bsi-global.com/Kitemark/Product/index.xalter

Standard	Title	Specification Series
BS 65	Specification for vitrified clay pipes, fittings and ducts	500
BS 437	Specification for cast iron spigot and socket drain pipes and fittings	500
BS 1088-1	Marine plywood. Requirements (11/04)	300
BS 1088-2	Marine plywood. Determination of bonding quality using the knife test (11/04)	300

Standard	Title	Specification Series
BS 1447	Specification for mastic asphalt (limestone fine aggregate) for roads, footways and pavings in building (02/03)	900 1100
BS 3506	Specification for unplasticised PVC pipe for industrial purposes	500
BS 3892-1	Pulverized-fuel ash. Part 1: Specification for pulverized-fuel ash for use with Portland cement (11/04)	500 1000
BS 4027	Specification for sulfate-resisting Portland cement (11/04)	2400
BS 4072	Copper/chromium/arsenic preparations for wood preservation (11/04)	300 1200
BS 4254	Specification for two-part polysulphide-based sealants (11/04)	1000
BS 4660	Thermoplastics ancillary fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage (02/03)	500
BS 4962	1989. Specification for plastics pipes and fittings for use as sub-soil field drains (11/03)	500
BS 5896	Specification for high tensile wire and strand for prestressing of concrete (02/03)	1700
BS 5911	Precast concrete pipes, fittings and ancillary products Part 110: Specification for ogee pipes and fittings (including perforated) Part 114: Specification for porous pipes	500 500
BS 5911	Concrete pipes and ancillary concrete products (05/05) Part 1: Specification for unreinforced and reinforced concrete pipes (including jacking pipes) and fittings with flexible joints (complementary to BS EN 1916:2002) (11/06) Part 3: Specification for unreinforced and reinforced concrete manholes and soakaways (complementary to BS EN 1917:2002) Part 5: Specification for prestressed non-pressure pipes and fittings with flexible joints (05/05) Part 6: Specification for road gullies and gully cover slabs (05/05)	500 2500 500 1500 2500 500 2500 500
BS 6073-1	Specification for precast concrete masonry units (05/01)	500 2400
BS 6457	Specification for re-constructed stone masonry units (02/03)	2400
BS 6699	Specification for ground granulated blastfurnace slag for use with Portland cement (05/04)	1000
BS EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control (02/03)	500 1500 2500
BS EN 295	Vitrified clay pipes and fittings and pipe joints for drains and sewers Part 1: Requirements (11/04)	500 2500
BS EN 519	Structural timber. Grading. Requirements for machine strength Graded timber and grading machines	300
BS EN 598	Ductile iron pipes, fittings, accessories and their joints for sewerage applications. Requirements and test methods	500
BS EN 877	Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings. Requirements, test methods and quality assurance (11/03)	500

Standard	Title	Specification Series
BS EN 1423	Road marking materials. Drop on materials. Glass beads, anti-skid aggregates and mixtures of the two (11/04)	1200 2600
BS EN 1424	Road marking materials. Premix glass beads (11/04)	1200
BS EN 1433	Drainage channels for vehicular and pedestrian areas. Classification, design and testing requirements, marking and evaluation of conformity (05/06)	500
BS EN 1452	Plastics piping systems for water supply - Unplasticized poly (vinyl chloride) (PVC-U) (05/05)	
	Part 2: Pipes (11/04)	500
	Part 3: Fittings (05/05)	500
	Part 5: Fitness for the purpose of the system (05/05)	500
BS EN 1916	Concrete pipes and fittings, unreinforced, steel fibre and reinforced (11/06)	500
BS EN 1917	Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced (11/06)	500 1500 2500
BS EN 50086-1	Specification for conduit systems for cable management. General requirements (02/03)	1500
BS EN 50086-2-4	Specification for conduit systems for cable management. Particular requirements. Conduit systems buried underground (11/03)	500 1500
BS EN 60155	Glow-starters for fluorescent lamps (02/03)	1400
BS EN 60598-2-3	Luminaires - Particular requirements. Luminaires for road and street lighting (02/03)	1400
BS EN 60921	Specification for ballasts for tubular fluorescent lamps Performance requirements	1400
BS EN 60923	Auxiliaries for Lamps. Ballasts for discharge lamps (excluding tubular fluorescent lamps). Performance requirements (02/03)	1400
BS EN 61048	Specification for capacitors for use in tubular fluorescent and other discharge lamp circuits. General and safety requirements	1400
BS EN 61049	Specification for capacitors for use in tubular fluorescent and other discharge lamp circuits. Performance requirements	1400
BS EN 61347	Lamp controlgear. General and safety requirements (05/06)	1400

1.2 (05/01) Electric Cables

Certification Body (05/06): British Approvals Service for Cables (BASEC)
23 Presley Way
Crownhill
Milton Keynes
MK8 0ES.

Telephone: +44 (0) 1908 267300
Facsimile: +44 (0) 1908 267255
E mail: mail@basec.org.uk
Website: www.basec.org.uk

Standard	Title	Specification Series
BS 5467	Specification for armoured electric cables having thermosetting insulation 600/1000V and 1900/3300V. (02/03)	1400
BS 6004	Electric cables. PVC-insulated, non-armoured cables for voltages up to and including 450/750V, for electric power, lighting and internal wiring. (08/03)	1400
BS 6346	Specification for 600/1000V and 1900/3300V armoured electric cables having PVC insulation. (08/03)	1200 1400

1.3 (05/01) Reinforcing and Prestressing Steel

Certification Body (05/06): UK Certification Authority for Reinforcing Steels (CARES)
Pembroke House
21 Pembroke Road
Sevenoaks
Kent
TN13 1XR.

Telephone: +44 (0) 1732 450000
Facsimile: +44 (0) 1732 455917
E Mail: general@ukcares.com
Website: www.ukcares.co.uk

Standard	Title	Specification Series
BS 4449	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification (05/06)	1000 1600 1700 2500
BS 4482	Steel wire for the reinforcement of concrete products. Specification (05/06)	1000 1600 1700
BS 4483	Steel fabric for the reinforcement of concrete. Specification (05/06)	1000 1700
BS 4486	Specification for hot rolled and hot rolled processed high tensile alloy steel bars for the prestressing of concrete (02/03)	1700

Standard	Title	Specification Series
BS 5896	Specification for high tensile steel wire and strand for the prestressing of concrete	1700
BS 6744	Stainless steel bars for the reinforcement of and use in concrete - Requirements and test methods (11/04)	1600 1700 2400
BS 8666	Scheduling, dimensioning, bending and cutting of steel reinforcement. Specification (Except that the Contractor or the manufacturer of precast concrete products may opt to obtain straight bars from a firm within the Scheme and cut and bend them on the Site or at the precasting works respectively provided the levels of inspection and quality assurance specified in BS 8666 are maintained). (05/06)	1600 1700
BS EN 13391	Mechanical tests for post-tensioning systems (05/06)	1700
Note	The supply and installation of post-tensioning systems in concrete structures is covered by a quality management scheme listed in Appendix A	

1.4 (05/01) LRQA Mark 

Certification Body (05/06): Lloyds Register Quality Assurance Ltd.
Hiramford
Middlemarch Office Village
Siskin Drive
Coventry
CV3 4FJ

Telephone: +44 (0) 2476 518 630
Facsimile: +44 (0) 2476 305 237
E Mail: technical-helpdesk@lrqa.co.uk
Website: www.lrqa.co.uk

Standard	Title	Specification Series
BS EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control (02/03)	500 1500 2500

1.5 (05/01) SGS Mark



Certification Body (05/06): SGS United Kingdom Ltd
SGS House
217 - 221 London Road
Camberley
Surrey
GU15 3EY

Telephone: +44 (0) 1276 691133
Facsimile: +44 (0) 1276 691155
E Mail: ukenquiries@sgs.com
Website: <http://www.uk.sgs.com>

Standard	Title	Specification Series
BS EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control (02/03)	500
		1500
		2500

2 (11/03) SCHEMES FOR PRODUCTS WITHOUT MARKINGS

2.1 (05/04) Product conformity requirements of concrete to BS EN 206-1 and BS 8500

Certification Body (05/06): The Quality Scheme for Ready Mixed Concrete
1 Mount Mews
High Street
Hampton
Middlesex
TW12 2SH
Telephone: +44 (0) 20 8941 0273
Facsimile: +44 (0) 20 8979 4558
E Mail: qsrmc@qsrmc.co.uk
Website: www.qsrmc.co.uk

Specification: The supply of ready mixed concrete shall comply with the Specification for Highway Works (SHW).

Standard	Title	Specification Series
BS EN 206-1	Concrete Part 1: Specification, performance, production and conformity (11/04)	300
		400
		800
		1000
		1600
		1700
		2500
		2600

Standard	Title	Specification Series
BS 8500	Concrete – Complementary British Standard to BS EN 206-1 (11/04)	300
		400
		800
		1600
		1700
BS 8500-1	Part 1: Method of specifying and guidance for the specifier (05/04)	1000
		1600
		1700
BS 8500-2	Part 2: Specification for constituent materials and concrete (05/04)	700
		1000
		1600
		1700
		2600

Note 1 (05/04): When the supplier proposes to use a different product certification scheme or an organization registered to a different product certification scheme, he shall satisfactorily demonstrate to the Overseeing Organisation that the scheme provides equivalence in accordance with sub-Clauses 104.5 and 104.18 of the SHW for the concrete mixing plants supplying to the contract.