

## APPENDIX B

# PRODUCT CERTIFICATION SCHEMES

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

### 1 MARKED SCHEMES

#### a) Kitemark

Certification Body: BSI  
389 Chiswick High Road  
London W4 4AL

BS No.	Title	Specification Series
12	Specification for Portland cement.	500 900 1000 1600 1700 2400 2600
65	Specification for vitrified clay pipes, fittings and ducts.	500
146	Specification for Portland blast-furnace cements.	1000 1700 2600
437	Specification for cast iron spigot and socket drain pipes and fittings.	500
1247	Manhole steps. Part 1: Specification for galvanized ferrous or stainless steel manhole steps. Part 2: Specification for plastics encapsulated manhole steps.	500
1370	Specification for low heat Portland cement.	1700
3262	Hot-applied thermoplastic road marking materials.	1200 2600
3506	Specification for unplasticised PVC pipe for industrial purposes.	500
3656	Specification for asbestos-cement pipes, joints and fittings for sewerage and drainage.	500
3921	Specification for clay bricks	2400 2500
4027	Specification for sulfate-resisting Portland cement.	500 1700 2400 2600
4246	Specification for high slag blast-furnace cement.	1700
4346	Joints and fittings for use with unplasticized PVC pressure pipes	500
4660	Specification for unplasticized polyvinyl chloride pipes and plastics fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage	500

BS No.	Title	Specification Series
4962	Specification for plastics pipes and fittings for use as sub-soil field drains.	500
5481	Specification for unplasticised PVC pipe and fittings for gravity sewers.	500
5911	Precast concrete pipes, fittings and ancillary products.	
	Part 100: Specification for unreinforced and reinforced pipes and fittings and fittings with flexible joints	500
	Part 103: Specification for prestressed non-pressure pipes and fittings with flexible joints	500
	Part 110: Specification for ogee pipes and fittings (including perforated).	500
	Part 114: Specification for porous pipes.	500
	Part 200: Specification for un-reinforced and reinforced manholes and soakaways of circular cross section.	500
	Part 230: Specification for road gullies and gulley cover slabs.	500
6044	Specification for pavement marking paints.	1200
6087	Specification for flexible joints for grey or ductile cast iron drainpipes and fittings (BS 437) and for discharge and ventilating pipes and fittings (BS 416).	500
6088	Specification for solid glass beads for use with road marking compounds and for other industrial uses.	1200
6588	Specification for Portland pulverized-fuel ash cements.	1000 1700 2600
6610	Specification for Pozzolanic pulverized-fuel ash cement.	1000
6677	Clay and calcium silicate pavers for flexible pavements.	
	Part 1: Specification for Pavers	1100
7396	Specification for permanent preformed road markings	1200
EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control.	500
EN 295	Vitrified clay pipes and fittings and pipe joints for drains and sewers.	500
EN 598	Ductile iron pipes, fittings, accessories and their joints for sewerage applications. Requirements and test methods	500
EN 60920	Specification for ballasts for tubular fluorescent lamps. General and safety requirements	1400
EN 60921	Specification for ballasts for tubular fluorescent lamps. Performance requirements	1400
EN 60922	Specification for general and safety requirements for ballasts for discharge lamps (excluding tubular fluorescent lamps).	1400
EN 60923	Specification for performance requirements for ballasts for discharge lamps (excluding tubular fluorescent lamps).	
EN 61048	Specification for capacitors for use in tubular fluorescent and other discharge lamp circuits. General and safety requirements.	1400
EN 61049	Specification for capacitors for use in tubular fluorescent and other discharge lamp circuits. Performance requirements.	1400

b) Safety Mark

Certification Body: BSI  
389 Chiswick High Road  
London W4 4AL

BS No.	Title	Specification Series
EN 60155	Glow starters for fluorescent lamps	1400
EN 60598	Luminaires for road and street lighting	1400

c) Other Marked Schemes

i) Electric Cables

Certification Body: British Approvals Service for Cables (BASEC),  
360 Silbury Boulevard,  
Milton Keynes,  
Bucks, MK9 2AF.

BS No.	Title	Specification Series
5467	Specification for cables with thermosetting insulation for electricity supply for rated voltages of up to and including 600/1000 V and up to and including 1900/3300V	1400 1500
6004	Specification for PVC-insulated cables (non-armoured) for electric power and lighting.	1400
6346	Specification for PVC-insulated cables for electricity supply.	1400

ii) Reinforcing and Prestressing Steel

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

BS No.	Title	Specification Series
4447	Specification for the performance of prestressing anchorages for post-tensioned construction	1700
4449	Specification for carbon steel bars for the reinforcement of concrete	1000 1700 2500
4466	Specification for scheduling, dimensioning, bending and cutting of steel reinforcement for concrete. (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 4466 are maintained).	1700
4482	Specification for cold reduced steel wire for the reinforcement of concrete.	1000 1700
4483	Specification for steel fabric for the reinforcement of concrete.	1000 1700
4486	Specification for hot rolled and processed high tensile alloy steel bars for the prestressing of concrete.	1700
5896	Specification for high tensile steel wire and strand for the prestressing of concrete	1700
Note 1	The supply and installation of post-tensioning systems in concrete structures is covered by a quality management scheme listed in Appendix A.	

iii) LRQA Mark

Certification Body:	Lloyd's Register Quality Assurance Ltd Hiramford Middlemarch Office Village, Siskin Drive, Coventry CV3 4ET
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BS No.	Title	Specification Series
EN 124	Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control	500

## 2 NON-MARKED SCHEMES

### a) Ready Mixed Concrete

Certification Bodies: The Quality Scheme for Ready Mixed Concrete Ltd,  
3 High Street,  
Hampton,  
Middx TW12 2SQ.

BSI  
389 Chiswick High Road  
London W4 4AL

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

BS No.	Title	Specification Series
5328	Concrete Part 1: Guide to specifying concrete Part 2: Methods for specifying concrete mixes Part 3: Specification for the procedures to be used in producing and transporting concrete. Part 4: Specification for the procedures to be used in sampling, testing and assessing compliance of concrete	1000
Note: 1	BSI will normally provide certification to BS 5328. Companies wishing to be assessed against the SHW(Series 1600 and 1700) are required to advise BSI accordingly.	
2	The scope of a BSI assessed company is currently only indicated on the schedule provided to a successfully assessed company and purchasers of concrete should therefore request a copy of the schedule to confirm a company's capability to supply QA concrete to specification.	