

Standards applicable to inside service and fire service

(Latest update: 14.7.2017)

The following table summarizes the Standards applicable to inside service and fire service in accordance with Schedule 2 of Waterworks Regulations

NUMBER	YEAR	TITLE
AS 3688	2016	Water supply and gas systems—Metallic fittings and end connectors
BS 61	1969	Specification for threads for light gauge copper tubes and fittings
BS 143 and 1256	2000	Threaded pipe fittings in malleable cast iron and cast copper alloy
BS 417-2	1987	Specification for galvanized low carbon steel cisterns, cistern lids, tanks and cylinders. Metric units
BS 1212-1	1990	Specification for piston type float operated valves (copper alloy body) (excluding floats)
BS 1212-2	1990	Specification for diaphragm type float operated valves (copper alloy body) (excluding floats)
BS 1212-3	1990	Specification for diaphragm type float operated valves (plastics bodied) for cold water services only (excluding floats)
BS 1212-4	2016	Specification for compact type float operated valves for WC flushing cisterns (including floats)
BS 1566-1	2002 + A1:2011	Copper indirect cylinders for domestic purposes. Open vented copper cylinders. Requirements and test methods
BS 1566-2	1984	Copper indirect cylinders for domestic purposes. Specification for single feed indirect cylinders
BS 1968	1953	Specification for floats for ball valves (copper)
BS 2456	1990	Specification for floats (plastics) for float operated valves for cold water services
BS 3505	1986	Specification for unplasticized polyvinyl chloride (PVC-U) pressure pipes for cold potable water
BS 5041-1	1987	Specification for landing valves for wet risers
BS 5154	1991	Specification for copper alloy globe, globe stop and check, check and gate valves (Specification for gate valves replaced by BS EN 12288)
BS 5163-1	2004	Valves for waterworks purposes. Predominantly key-operated cast iron gate valves. Code of practice

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NUMBER	YEAR	TITLE
BS 5163-2	2004	Valves for waterworks purposes. Stem caps for use on isolating valves and associated water control apparatus. Specification
BS 6362	1990	Specification for stainless steel tubes suitable for screwing in accordance with BS21 'Pipe threads for tubes and fittings where pressure-tight joints are made on the threads'
BS 6920		Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water
BS 6920-1	2014	Ditto - Specification
BS 6920-2		Ditto - Methods of test
BS 6920-2.1	2014	Ditto - Samples of testing
BS 6920-2.2.1	2000 + A3:2014	Ditto - General method of test
BS 6920-2.2.2	2000 + A1:2014	Ditto - Method of testing odours and flavours imparted to water by multi-layered hoses and pipes
BS 6920-2.2.3	2000 + A2:2014	Ditto - Method of testing tastes imparted to water by hoses for conveying water for food and drink preparation
BS 6920-2.3	2000 + A1:2014	Ditto - Appearance of water
BS 6920-2.4	2000 + A1:2014	Ditto - Growth of aquatic micro-organisms
BS 6920-2.5	2000 + A2:2014	Ditto - The extraction of substances that may be of concern to public health
BS 6920-2.6	2000 + A2:2014	Ditto - The extraction of metals
BS 6920-3	2000	Ditto - High temperature tests
BS 7291		Thermoplastic pipes and associated fittings for hot and cold water for domestic purposes and heating installations in buildings
BS 7291-1	2010	Ditto - General requirements
BS 7291-2	2010	Ditto - Specification for polybutylene (PB) pipes and associated fittings
BS 7291-3	2010	Ditto - Specification for crosslinked polyethylene (PE-X) pipes and associated fittings
BS 8537	2010	Copper and copper alloys Plumbing fittings - Specification for press ends of plumbing fittings for use with metallic tubes

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NUMBER	YEAR	TITLE
BS EN 200	2008	Sanitary tapware. Single taps and combination taps for water supply systems of type 1 and type 2. General technical specification
BS EN 545	2010	Ductile iron pipes, fittings, accessories and their joints for water pipelines. Requirements and test methods
BS EN 593	2009 + A1:2011	Industrial valves. Metallic butterfly valves
BS EN 816	1997	Sanitary tapware. Automatic shut-off valves PN 10
BS EN 997	2012 + A1:2015	WC pans and WC suites with integral trap
BS EN 1057	2006 + A1:2010	Copper and copper alloys – Seamless, round copper tubes for water and gas in sanitary and heating applications
BS EN 1074-1	2000	Valves for water supply. Fitness for purpose requirements and appropriate verification tests. General requirements
BS EN 1074-2	2000	Valves for water supply. Fitness for purpose requirements and appropriate verification tests. Isolating valves
BS EN 1074-3	2000	Valves for water supply. Fitness for purpose requirements and appropriate verification tests. Check valves
BS EN 1092-1	2007 + A1:2013	Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Steel flanges
BS EN 1092-2	1997	Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Cast iron flanges
BS EN 1171	2015	Industrial valves. Cast iron gate valves
BS EN 1254-1	1998	Copper and copper alloys. Plumbing fittings. Fittings with ends for capillary soldering or capillary brazing to copper tubes
BS EN 1254-2	1998	Copper and copper alloys. Plumbing fittings. Fittings with compression ends for uses with copper tubes
BS EN 1254-4	1998	Copper and copper alloys. Plumbing fittings. Fittings combining other end connections with capillary or compression ends
BS EN 1254-5	1998	Copper and copper alloys. Plumbing fittings. Fittings with short ends for capillary brazing to copper tubes
BS EN 1254-6	2012	Copper and copper alloys. Plumbing fittings. Fittings with push-fit ends
BS EN 1254-8	2012	Copper and copper alloys. Plumbing fittings. Fittings with press ends for use with plastics and multilayer pipes
BS EN 1286	1999	Sanitary tapware. Low pressure mechanical mixing valves. General technical specifications

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NUMBER	YEAR	TITLE
BS EN 1287	1999	Sanitary tapware. Low pressure thermostatic mixing valves. General technical specifications
BS EN 1567	1999	Building valves. Water pressure reducing valves and combination water reducing valves. Requirements and tests.
BS EN 1984	2010	Industrial valves. Steel gate valves
BS EN 10217-7	2014	Welded steel tubes for pressure purposes. Technical delivery conditions Stainless steel tubes
BS EN 10241	2000	Steel threaded pipe fittings
BS EN 10255	2004	Non-alloy steel tubes suitable for welding and threading. Technical delivery conditions
BS EN 10312	2002	Welded stainless steel tubes for the conveyance of aqueous liquids including water for human consumption. Technical delivery conditions
BS EN 12201-1	2011	Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE) General
BS EN 12201-2	2011 + A1:2013	Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE) Pipes
BS EN 12201-3	2011 + A1:2012	Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE). Fittings
BS EN 12201-4	2012	Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE). Valves
BS EN 12201-5	2011	Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE) Fitness for purpose of the system
BS EN 12266-1	2012	Industrial valves. Testing of metallic valves Pressure tests, test procedures and acceptance criteria. Mandatory requirements
BS EN 12288	2010	Industrial valves. Copper alloy gate valves
BS EN 12334	2001	Industrial valves. Cast iron check valves
BS EN 16767	2016	Industrial valves. Steel and cast iron check valves
BS EN 12449	2016	Copper and copper alloys. Seamless, round tubes for general purposes (commonly used materials: CW004A, CW024A, ...etc)

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NUMBER	YEAR	TITLE
BS EN 13547	2013	Industrial valves. Copper alloy ball valves
BE EN 13709	2010	Industrial valves. Steel globe and globe stop and check valves
BS EN 13789	2010	Industrial valves. Cast iron globe valves
BS EN 13828	2003	Building valves. Manually operated copper alloy and stainless steel ball valves for potable water supply in buildings. Tests and requirements
BS EN 13959	2004	Anti-pollution check valves. DN 6 to DN 250 inclusive Family E, type A, B, C, and D
BS EN 14451	2005	Devices to prevent pollution by backflow of potable water. In-line anti-vacuum valves DN 8 to DN 80. Family D, type A
BS EN 15091	2013	Sanitary tapware. Electronic opening and closing sanitary tapware
BS EN ISO 1452		Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure. Unplasticized poly(vinyl chloride) (PVC U)
BS EN ISO 1452-1	2009	Ditto – General
BS EN ISO 1452-2	2009	Ditto – Pipes
BS EN ISO 1452-3	2010	Ditto – Fittings
BS EN ISO 1452-4	2009	Ditto – Valves
BS EN ISO 1452-5	2009	Ditto - Fitness for purpose of the system
BS EN ISO 9453	2014	Soft solder alloys – Chemical compositions and forms
BS EN ISO 15877-1	2009 + A1:2010	Plastics piping systems for hot and cold water installations. Chlorinated poly(vinyl chloride) (PVC-C). General
BS EN ISO 15877-2	2009 + A1:2010	Plastics piping systems for hot and cold water installations. Chlorinated poly(vinyl chloride) (PVC-C). Pipes
BS EN ISO 15877-3	2009 + A1:2010	Plastics piping systems for hot and cold water installations. Chlorinated poly(vinyl chloride) (PVC-C). Fittings
BS EN ISO 17672	2010	Brazing. Filler metals

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