



BSI Standards Publication

Plastics piping systems for water supply, and for drainage and sewerage under pressure — Polyethylene (PE)

Part 5: Fitness for purpose of the system

National foreword

This British Standard is the UK implementation of EN 12201-5:2011. It supersedes BS EN 12201-5:2003 and BS EN 13244-5:2002, which are withdrawn.

NOTE 1 There is no Part 6 in the EN 12201 series. Instead users of the BS EN 12201 series should refer to Water Industry Specification (WIS) 4-32-08 Specification for the fusion jointing of polyethylene pressure pipeline systems using PE80 and PE100 materials, obtainable from www.water.org.uk. In addition, guidance provided by the manufacturer of the pipes and fittings should be followed.

NOTE 2 Part 7 of the EN 12201 series has been prepared as a CEN/TS to allow further development. CEN/TS 12201-7 is not mandatory under the Public Procurement Directives (2004/18/EC and 2004/17/EC).

As yet there is no pan-European agreement on water quality requirements, so existing UK regulations remain in force for public drinking water suppliers.

The following regulations apply to the approval of substances and products used in the provision of public water supplies within the United Kingdom:

- a) England – Regulation 31 of The Water Supply (Water Quality) Regulations 2000 (Statutory Instruments 2000 No 3184)
- b) Wales – Regulation 31 of The Water Supply (Water Quality) Regulations 2001 (Welsh Statutory Instrument 2001 No 3911 (W.323))
- c) Scotland – Regulation 27 of The Water Supply (Water Quality) (Scotland) Regulations 2001
- d) Northern Ireland – Regulation 30 of The Water Supply (Water Quality) (Amendment) Regulations (Northern Ireland) 2009 (Statutory Rules of Northern Ireland 2009 No.246).

For further information, go to: <http://www.legislation.gov.uk/browse>

As part of the regulations, all pipes and fittings used to convey drinking water supplies are required to be approved under the provisions of Regulation 31, as applicable. In addition, manufacturers may obtain approval under the Water Regulations Advisory Scheme (WRAS) to confirm that use of their products will not cause adverse effect on water quality or a risk to health of consumers.

National Annex NA provides additional information on the selection and installation of piping systems and components in the UK.

Attention is drawn to the following statutory regulation: Health & Safety at Work etc. Act 1974, and subsequent regulations.

The requirements contained in the EN 12201 series of standards are not necessarily indicative of all the performance requirements, or the suitability of pipework for the service conditions, likely to be encountered in the UK.

The UK participation in its preparation was entrusted by Technical Committee PRI/88, Plastics piping systems, to subcommittee PRI/88/2, Plastics piping for pressure applications.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.