



Dŵr Cymru
Welsh Water

Domestic Fire Sprinkler Information for New Appointments and Variations (NAVs)

1. Introduction

The Welsh Government has implemented the Domestic Fire Safety (Wales) Measure, which was passed by the National Assembly during February 2011. The following statement was issued:

From April 2014, the regulations will apply to high-risk properties such as care homes, new and converted student halls of residence, boarding houses and certain hostels and from January 2016 to all new and converted houses and flats. This phasing will allow the house building industry to gain experience and skills, and gives the sector the opportunity to innovate and reduce the costs of installing sprinklers. The approach will continue to set Wales apart as a leader in promoting fire safety.

*Certain transitional arrangements are in force and you **may** not have to comply with the new law in January 2016 if you have Unconditional Building Regulation "Full Plans" approval notice dated before 1st January 2016 or Approved Inspector Initial Notice or Initial Building Notice dated before 1st January 2016 and construction starts on site before 1st January 2017.*

2. Fire Sprinkler System Design

The fire sprinkler system must be designed and installed in accordance with BS 9251:2014 (Fire Sprinkler Systems for Domestic and Residential Occupancies - Code of Practice) or BS 8458:2015 (Fixed Fire Protection Systems – Residential and Domestic Water mist Systems – Code of Practice for Design and Installation).

Please note that Dŵr Cymru Welsh Water (Dŵr Cymru) does not design domestic fire sprinkler systems will not offer any view on the efficiency, appropriateness or compliance of a fire sprinkler system in relation to any Building Control Regulations, British Standards or Codes of Practice.

3. Water Supply Pressure/Flow

Dŵr Cymru is unable to provide any guarantee regarding pressures and flows in the water supply distribution system due to a range of circumstances which are beyond our control (for example, low or temporarily reduced pressure/flow may be caused by high customer demand, bursts or leaking mains/services and private supply pipes).

Properties in Dŵr Cymru's area have a minimum operational pressure of 1.5 bar. Water supply networks are subject to fluctuating operational pressure and Dŵr Cymru will not commit to providing a NAV a specified pressure to the site.

Further Information

Further information on domestic / residential fire sprinkler systems can be obtained from;

BAFSA (British Automatic Fire Sprinkler Association) Richmond House Broad Street Ely CB7 4AH Tel 01353 659187 Email info@bafsa.org.uk Web www.bafsa.org.uk	The Fire Sprinkler Association Mill House Mill Lane Padworth Reading Berks RG7 4JX Tel 0118 971 2322 Email info@firesprinklers.org.uk Web www.firesprinklers.org.uk
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