

# BS 7593:2019

explained



Five simple steps to  
professional compliance

Effective May 2019

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MAKES WATER WORK

# What is **BS 7593:2019**?

**BS 7593:2019** is an update to existing 2006 regulations: its purpose is to strengthen best practice methods to ensure the long-term protection, service and maintenance of a central heating system.

## What do installers need to do?

Critically, the fundamental change is the installation of an in-line system filter, in recognition of the complementary role of filters alongside a chemical clean, system flush and use of an inhibitor.

Also new, is the requirement to test the quality of the system water at regular intervals and the recommended redosing of inhibitor after five years or the completion of laboratory diagnostic test.

Mandatory in Part L of the Building Regulations, BS7593:2006 will be updated to reflect the strengthening of best practice in the 2019 guidelines. This interim period allows professional installers to offer an enhanced service for their customers; to extend the lifespan of the boiler, optimise system performance and save money on gas bills.

**Clean**

## Step 1

Undertake a full system clean and flush



**Guard**

## Step 2

Install a permanent in-line system filter to guard against the accumulation of system debris over time



**Protect**

## Step 3

Protect the system from corrosion, scale and microbial fouling for low temperature and cooling systems



**Maintain**

## Step 4

Servicing of in-line filters is recommended as part of the recommissioning process



**Test**

## Step 5

Recommended to check inhibitor levels annually and re-dose a system after 5 years or perform a laboratory test of the water quality



# **BS 7593:2019** supports the environment, the homeowner and the HVAC industry

## Simple facts...

- 87% of system breakdowns are the result of dirty system water
- A newly installed A+++ boiler will lose efficiency within 6 days if the system water is contaminated
- 40% of UK emissions come from households; the average UK household emits 2.7 tonnes of CO<sub>2</sub> every year, as a result of heating alone
- A healthy, clean system will reduce fuel wastage and save money on gas bills
- Enhanced and extended boiler warranties reflect the importance boiler manufacturers place on a clean, treated system
- Adhering to best practice standards can extend the life of the boiler and system

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