

Amendments to...

LEGISLATION AND PRACTICE

Which legislations and practices?

- **BS 7593** has been incorporated into Part L, mandating some of its recommendations upon installation of a new heating appliance.
- **Benchmark** promotes quality for installation, commissioning and servicing of domestic heating and hot water systems. Completion of the checklist means the commissioning requirements within Part L of the Building Regulations are met. Ongoing adherence to Benchmark, in line with the BS 7593 recommendations, will ensure best practice processes are followed.

What must I do?

1 Installation of in-line filter required

A filter to protect system components now needs to be fitted at install, complementing a clean and flush using additives. Sentinel filters like the Vortex250, Vortex300 or Vortex500 can be used.



2 Biocidal and frost protection to be used where applicable

Across low temperature installations, fungal growth is to be kept at bay using a biocide like X700 and for systems liable to freezing, an inhibited antifreeze, such as X500, needs to be used.



What should I do?

3 Annual checks for concentration of chemicals and water cleanliness

Keep on top of inhibitor levels! The presence of inhibitor to protect systems should be checked each year. We offer simple and easy tests like the X100 QuickTest, which allows confirmation of inhibitor presence within minutes.



4 Inhibitor to be redosed at 5 years OR lab test to confirm levels

Whilst X100 will give lifetime protection, the guidelines state that a system should be cleaned, fully drained and refreshed every 5 years, adding new inhibitor.



5 Only 3 recommended cleaning methodologies:

- **Powerflushing** (external pump and tank)
- **Mains pressure**
- **Gravity cleaning**

Ensure your powerflush is compliant. An 'external pump and tank arrangement' is required, otherwise the procedure does not meet the criteria. For example, flushing using magnet technology does not fit the bill. A machine like the JetFlush Rapid is the perfect machine to tick all of the boxes for any powerflushing job.



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