

Part L - BS7593:2019



Changes to Building Regulations Part L mean that water quality checking, maintenance and protection need to be carried out with every heating system install, service and repair. Essentially, when working on, preparing or commissioning a heating system - new or existing - the systems water needs to be treated as per BS7593:2019.

Whether installing a complete new system, undertaking a service, or fitting a new boiler or low carbon heat source at an existing property, under the new Part L requirements, the following 5 steps need to be carried out:



1. Part L of the Building Regulations states that where mains hard water exceeds 200ppm the feed water to water heaters and the hot water circuit of combination boilers should be treated to reduce the rate of limescale build-up.

USE: Scalemaster® Electrolytic Gold or DosaPlus3 Scale inhibitors for proven results.

2. All systems should be cleaned using a full fresh-water system flush to remove sludge and other debris. This applies to new systems too, as they may be contaminated with grease, solder or installation debris. Chemical inhibitor should be added after the final fill with fresh water.

USE: Scalemaster® SM-3, SM-4 or SM-8 for best results.



3. Fit an in-line system filter to all systems after completing a clean. Existing filters should be cleaned and serviced as part of the recommissioning.

USE: Scalemaster® i-Mag Pro and i-Mag360.



4. Re-dose the chemical inhibitor every 5 years or complete a full system water test to make sure the water is clean and balanced.

USE: Scalemaster® SM1 which has passed all NSF CIAS (formerly Buildcert) approvals.



5. Test the system water to ensure that chemical inhibitor performance to comply with BS7593:2019.

USE: Scalemaster® i-test can be used on all chemical inhibitors.

