

Tim Platt
Jetseal
Unit 71, Cobham Road
Ferndown Industrial Estate
Wimborne
Dorset
BH21 7QE

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Our Ref: Jets/001

Dear Tim

Following our recent conversation I can confirm that your Jetseal float operated valve was endurance tested, along with a number of similar devices on the market at that time, against the requirements of British Standard 1212 back in 1999 as part of a research program on behalf of the UK Government and the then Department of Environment Transport and the Regions (DETR).

During the program the valves were endurance tested against the regulator's specification 5-50-01 for water fittings. This endurance test is derived from British Standard 1212 for float operated valves. During the testing the Jetseal valve easily outlasted the minimum requirements of the British Standard which requires 200,000 operations after which it must be capable of still meeting the performance and pressure testing requirements. The Jetseal valve went on to achieve at least 560,000 cycles before being removed from the test rig so that the final report could be submitted to the DETR. This is considered to be equivalent to approximately 80 years of normal use. After the valve was removed from the endurance test rig it successfully passed the performance and pressure test requirements of the British Standard.

Any water fitting which exceeds the minimum requirements of the British Standard is quite obviously of benefit from an environmental point of view as the elimination of leaks in plumbing systems is vital to the conservation of water. This is particularly important for float operated valves used to control the inflow of water in storage cisterns as the nature of such cisterns with warning and overflow pipes means that very often a leaking valve is unlikely to be repaired because a dripping overflow pipe may not cause enough of an inconvenience for repairs to become a priority. Any valve which will give a prolonged maintenance free life is therefore of enormous benefit in the conservation of water.

I hope this helps.

Please let me know if you require any further information.

Yours sincerely



Simon Warburton
Testing Manager