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Mr.J.Thompson
Managing Director
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Funtley Court
Funtley Hill
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2nd.November 1992

Dear John,

Having completed our tests with Scalewatcher on a simulated domestic hot water system, I think it worthwhile revewing the results.

The Scalewatcher was fitted to the cold water inlet to the header tank of an indirect hot water system. The cylinder water temperature was controlled by thermostat at 60°C, with boiler water supply to the cylinder heating coil limited to 85°C.

A scaled cylinder was used for the tests, and a single point on the heating coil chosen for scale measurement by means of a depth micrometer. Initial scale thickness at the measuring position was 0.020 inches. After 40,000 litres scale thickness had reduced to 0.010 inches. At this point Scalewatcher was switched off and the scale allowed to build up to 0.015 inches. The Scalewatcher was then switched on and removed the new scale within a week. The tests were terminated when 173,000 litres of water had been heated.

The results indicate that at the above temperatures Scalewatcher succeeded in reducing the scale thickness and prevented further scale build up on the heat exchanger.

Yours sincerely,

Vincent Hogan.

BSc. C.Eng. M.I.Mech.E.