

Fernox Express Inhibitor Test

The Express Inhibitor Test provides a rapid on-site analysis of the concentration of all Fernox Protectors, and other molybdate based inhibitors, in central heating system water. Easy and intuitive to use, it is a quick and simple testing method to establish the presence of inhibitor within the system. Testing the concentration of inhibitor allows compliance with BS 7593:2019, the Benchmark scheme, and may be required for compliance with boiler warranties.

Fernox App not available in New Zealand



Step 1:

Take a sample of system water which is representative of the system as a whole (drain the water for several seconds before taking the sample). Dip the test strip into the system water for 1 second and remove. Shake off excess liquid.



Step 2:

Compare to colour chart on the container within 10 seconds and take a picture. Fernox levels should be over 100ppm. If test strips show less than 100ppm, add additional Fernox protector.



With the initial dose, its key to make sure the system water is circulated properly so that the inhibitor is sufficiently mixed. Fernox recommend that you let the system circulate for at least 15 minutes. Also having the system on hot will help speed this up.

You can take sample water from the system via the filter, radiator or towel rail, if you are going to dose

from the filter make sure that you service the filter so it gets rid of any sludge or debris it might have collected and if you are using anything else make sure it runs for about 10 seconds first so the water is clear so you get an accurate sample.

Inhibitor Test Results

Record your Express Inhibitor Test results in the table below.

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Test Details	Results	
Sample Outcome	Passed	Failed
PPM (mg/L) Value		
Date		
Photo		
Property Information	Details	
Address		
Heat Source Manufacturer		
Heat Source Serial Number		
System Age		
Conclusion		