



## Domestic Case Study

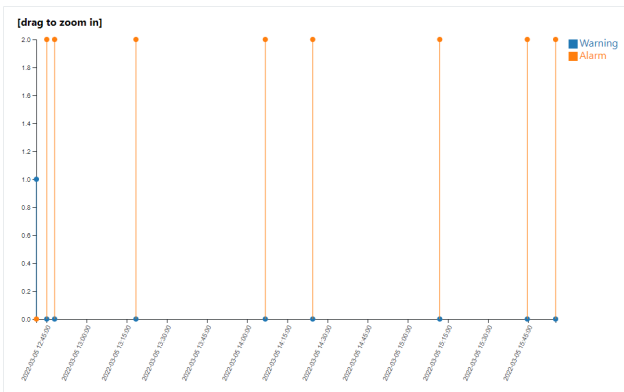
### Background

A four-bed detached property was due to be thoroughly refurbished. Due to the heavily invasive planned works and the known risk from asbestos an asbestos survey was commissioned which identified products containing Amosite, Crocydolite and Chrysotile. These items were removed by a licensed asbestos removals contractor in line with all pertinent legislation.



Upon the completion of the asbestos removals, the owner of the property wanted to undertake the planned refurbishment works but was concerned that more asbestos may be present. To provide reassurance during the refurbishment an Alert Pro1000 was utilised and moved from area to area as the works progressed. During the demolition of one of the fireplaces, the Pro1000 alarmed.

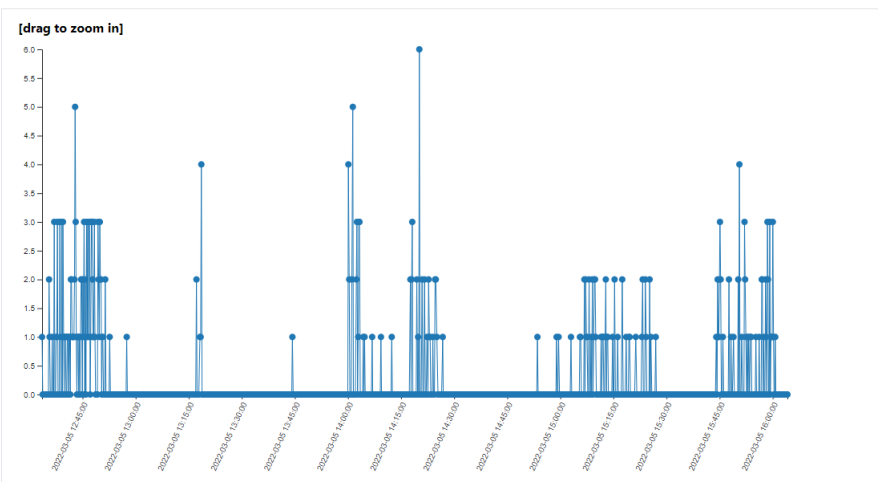
Graph 1 - Alarms



Graph 1 illustrates the number of times the alarm was triggered during the sampling session. As you can see the alarm was raised multiple times.

The Pro1000 uses light scattering and fibre re-orientation technology to identify airborne asbestos. Each time the alarm is sounded, there is a 99.8% confidence of asbestos being in the air.

Graph 2 - Fibres



Graph 2 visually illustrates the fibre levels throughout the sampling session. All data is timestamped to enable the thorough review of the data. The peaks and troughs are visible throughout the session and provide the opportunity to identify the specific activity that lead to asbestos being disturbed.

