



**TROLEX**

**BRITISH STONE MANUFACTURERS  
INTRODUCE XD1<sup>+</sup> TRIAL ACROSS  
WORKFORCE**

LEADING SAFETY TECHNOLOGY

[trolex.com](https://trolex.com)

Burlington Stone trialed two XD1+ devices on their site for a month to see how real-time, personal dust monitoring would improve their safety processes.

We then spoke to Health and Safety Manager, Peter Walker, to get his views on how much of a difference integrating XD1+ made for Burlington Stone.

A manufacturer of prestigious natural stone, Burlington Stone have quarried for over 200 years across the English Lake District. Meeting each individual clients needs for roofing slate, flooring, cladding, interiors and landscapes, Burlington Stone extract and craft a diverse range of signature British natural slate and stone products.

Across their range of projects, worker exposure to airborne dust including silica dust is high, so the need for personal dust monitoring is a necessity. We provided multiple **XD1+ Personal Dust Monitor** devices as part of the **XD1+** trial programme across Burlington Stone's workforce to monitor for dust levels in both breathing zones and high activity areas across the site.



**We're shouting from the rafters about this device!**

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The versatility of the unit is absolutely fantastic, as **XD1+** allowed us to monitor for two jobs at the same time. In one shed there is an L-shaped work conveyor with 10 people working on it, so we had one device on a worker at one end and another device at the other end, about 40 metres apart, and then monitored the outcome.

They were doing exactly the same task, with the same tools and risk assessment controls, but the difference in readings was shocking. That was all down to how they wet damp their station down, how hard they hit the slate, how hard they drop the slates down or if they place them gently. The amount of behavioural traits the unit helped us notice was fantastic.

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Being able to monitor in a variety of different locations and compare the differences in results through **BreatheMOBILE** is one of the main benefits which **XD1+** has over similar products on the market. This ability inevitably means trends in dust levels can be tracked and looked into in relation to what task was being completed in what location.

**BreatheMOBILE is one of the simplest tools I've had to use!**

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It was interesting looking into workers doing certain tasks. If we saw a spike, we could come back to that time and say *'There was a big spike at 10:30 am, what were you doing?'* and identify the spikes in relation to what activity was happening at that time.

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For Burlington Stone, this capability not only helped to make health and safety decisions, but also increased worker engagement on why these decisions were being made.



It wasn't intrusive on our staff and meant there was still freedom for them when working!

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The guys themselves who aren't normally involved in health and safety were really interested. Once we were stood next to them with **BreatheMOBILE** on the phone showing them the graphs, they bought in instantly. Suddenly, we got people hitting things with hammers and waiting to see the graphs change, because they could understand which tasks were causing the spike.

Some of the guys have been here for 40 years, so for them to see that Burlington Stone is trying to improve and taking the safety seriously, instead of just churning out the same stuff from years ago means that they are right on board with these health and safety decision. By using **XD1+**, it has turned the team around here, big time.”

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## GET IN TOUCH TODAY

For more information about how our **XD1+ Personal Dust Monitor**, or any of our other real-time fixed and portable dust and silica monitors can help improve your safety processes, get in touch to speak with one of our experts today.



 Trolex dust monitoring

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