

BEST PRACTICE

LOCATION:
ACTIVITY:
SUB ACTIVITY:
BEST PRACTICE No:
COUNTRY OF ORIGIN:

Quarry
Occupational Health
Air and dust
BP2105

ARTICLE YEAR
COMPANY:
COMPANY LOCATION:
COMPANY TEL:

2021
Aggregate Industries
Bardon Hill
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TITLE

Live PM10 monitoring

ARTICLE

Bardon Hill is a large quarry and asphalt operation that monitors and controls exposure to RCS for its workforce and a large residential area situated on its boundary in the direction of prevailing winds.

The site monitors RCS levels using static monitoring in production buildings, and personnel dosing meters, and also has an array of static PM10 monitors at properties just over the boundary.

However, the results of the monitors were always retrospective, and so although Aggregate Industries could see the value of PM10, it could not necessarily pinpoint the cause accurately enough to do anything about it. Using the philosophy of "if you can measure, it you can manage it" they looked for equipment that could accurately measure dust levels in real time.

See [additional pdf](#) to find out about the solution they implemented.

ARTICLE IMAGES

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Monitoring station