



ESTD 1859

**BES Group**

Environmental Monitoring

# Noise, Dust & Vibration

A range of temporary site monitoring solutions for the UK Construction industry.

[www.besgroup.com](http://www.besgroup.com)

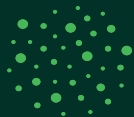
# What we do

BES Group brings its asset monitoring expertise to construction sites through a range of specialist plant hire monitoring solutions.

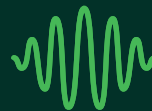
We help our UK clients monitor and report on:



Noise



Dust



Vibration



Wind

*\*Costs will depend on precise specification and location and on a weekly hire.*

## Our range of site monitoring solutions

We have a range of solutions to fit your site monitoring needs. Our package will depend on what you're looking to monitor:

Monitoring type	Our solution
Vibration	Package 1
Particulate (Dust)	Package 2
Noise, Dust & Vibration (added option for Wind)	Package 3

For each package, we can adapt to fit your site and compliance requirements for factors including:



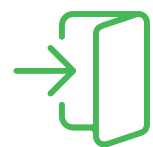
Power source



Mounting



Duration of hire



Ease of access

# Package 1

## Mobile vibration monitoring:

- Lightweight and rugged
- Single or multiple locations over a single hire – GPS sensor records location
- Can be battery (>1 month life) or mains use
- Wall mounted or ground spiked
- Easy to operate

## Typical use cases:

- Hospitals during works
- Grade 2 listed buildings/Assets of interest
- Boundary walls between properties
- Railways

*\* Requires mobile network reception*

## Delivers real-time monitoring:

- 'Alerts' function\*
- Multiple alarms for important events
- SMS alerts



# Package 2

## Real-time particulate (PPV) monitoring

- Records output in static locations
- Simple plug and play capabilities
- Manual or automatic reporting
- Can be solar battery or mains
- Wall or pole mounted (12kg)
- Optional wind speed/direction sensor

## Typical use cases:

- Boundary walls between properties
- Assets of interest
- Hoarding lines
- Hospitals
- Walls within demolition sites
- Railways

*\* Requires mobile network reception*

## Delivers real-time monitoring:

- Alerts' function\*
- SMS alerts
- Web-hosted data with password protected access
- Simultaneous PM10, PM2.5 and PM1.0 monitoring



# Package 3

## Particulate, noise and ground vibration (PPV) monitoring

- Records output in static locations
- Simple plug and play capabilities
- Manual or automatic reporting
- Can be solar battery (2 week life) or mains
- Wall or pole mounted (13kg)
- Optional wind speed/direction sensor

## Typical use cases:

- Boundary walls between properties
- Assets of interest
- Hoarding lines
- Hospitals,
- Walls within demolition sites
- Railways

*\* Requires mobile network reception*

## Delivers real-time monitoring:

- 'Alerts' function\*
- SMS alerts
- Web-hosted data with password protected access
- Simultaneous PM10, PM2.5 and PM1.0 monitoring
- IEC 61672-1 compliant sound level meter



# Flexible solutions to fit your site and budget



Fit with your compliance needs



Support and analysis from our team



Fast dispatch and support



CSCS qualified technicians to set up hardware on site



Expansive UK estate of units and references



**Your safety,  
our focus.**

For more information, email  
[hello@besgroup.com](mailto:hello@besgroup.com)  
or visit our website to find out more at  
[www.besgroup.com](http://www.besgroup.com)



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