

## BEST PRACTICE

**LOCATION:** Occupational Health  
**ACTIVITY:** Occupational Health  
**SUB ACTIVITY:** Vibration  
**BEST PRACTICE No:** BP675

**ARTICLE YEAR:** 2009  
**COMPANY:** Lafarge  
**COMPANY LOCATION:** Dunbar Quarry, East Lothian  
**COMPANY TEL:** 01368 861300

### TITLE

Whole body vibration measurement

### ARTICLE

Research was undertaken to identify a solution to the problem of measuring whole body vibration for mobile plant operators working on quarry roads.

Occupational exposure to vibration had potentially contributed to the deterioration in the health of a number of operators at other sites, who had retired early due to ill health.

A provider of monitoring devices was identified and a device was purchased for trial from Thomas Scott Seating. It clips to the seat of the dump truck through which the vibration is transmitted to the operator.

The data is collected by the device and is downloaded via a USB connection.

This has led to reduced exposure by improving seating and road conditions.

### ARTICLE IMAGES

