

Seminar Agenda

Subject: Noise, vibration and dust monitoring for planning consent; an acoustic consultants' perspective

Date: Wednesday 9th May 2018

Location: The Sharnbrook Hotel, Sharnbrook, Bedford, MK44 1LX

Registration and coffee is from 9.00am with the first session starting at 9.30am. Lunch and refreshments will be provided. The day will finish by 4.30pm

- A quick introduction to the basic principles of noise and vibration monitoring
- What are the national and international standards you must adhere to and what do they mean?
- Key considerations for all types of monitoring stations:
 - What do you need in a system?
 - Where do you site them?
 - How do you power them?
 - How do you get the data out?
- Directional noise monitoring; a taste of the future
- Vibration monitoring systems:
 - Accelerometers or geophones?
 - How do you calculate PPV, VDV and dominant frequency?
 - What about pk-pk, FFT and zoom FFT?
- Dust monitoring systems:
 - PM10, PM2.5, PM1: What does it all mean?
 - How do these systems work?
- Cloud based data analysis; displaying and reporting your data in the easiest and best way