

Noise and Vibration

Aims

The aim of this one-day course is to provide delegates with an overview of the legislation, ill health effects, hazard sources, measurement and control of noise and vibration.

Objectives

At the end of the course delegates will be able to:

- Describe the acute and chronic physiological effects of exposure to noise and vibration
- Identify potential sources of noise and vibration within their company's operations
- Explain the principles of noise and vibration measurement and assessment
- Suggest suitable precautions and controls for the reduction of risk
- Describe the health surveillance requirements for exposure to noise and vibration
- Explain the legal framework which regulates exposure to noise and vibration

Programme Content

- The principles of acoustic theory
- The physiology of sound and its effects
- Review of current legislation
- Evaluation and interpretation of noise measurement
- The principles of noise control (engineering, procedural, behavioural)
- The use of audiometry as a health surveillance tool
- Physiology and the effects of vibration
- Review of current legislation
- Evaluation and interpretation of vibration measurement
- The principles of vibration control (engineering, procedural, behavioural)
- Health surveillance for vibration effects

All delegates will receive a certificate of attendance

Client specific process and procedures can be used throughout this session.

Programme may be subject to change without prior notification