



Cesit Ingegneria S.P.A.  
[www.cesit.net](http://www.cesit.net)

Safety and Environment

# Acoustics, Noise and Vibration

## Noise in the workplace is a key issue in occupational health and safety. The effects of mechanical vibration on the human body are one of the most prevalent causes of occupational disease in the country.

**Noise-related hearing loss still accounts for about a third of all occupational diseases.**

Cesit Ingegneria S.P.A. has a wealth of specific experience in the measurement of noise and vibration. With its extensive pool of competent, highly qualified personnel, therefore, the Company is capable of conducting all types of acoustic impact testing and risk assessment relating to workplace noise and vibration. Cesit Ingegneria S.P.A. has built up a substantial stock of technical and scientific know-how, over many years of consulting. By putting this know-how at the disposal of its Customers, the Company can offer its services and undertake any type of testing on a nationwide scale.



### Cesit Ingegneria S.P.A.'s skills areas

Sound level measurement and analysis in indoor and outdoor environments

Measurement of workers' exposure to hand-arm vibration and whole-body vibration

Assessment and reporting of workers' exposure to noise

Technical reporting on exposure to noise and vibration for risk assessment purposes

Consulting on the adoption of the necessary preventive and protective measures

Design of noise monitoring systems

Corporate consulting on the choice of machinery and equipment with a view to minimising workers' exposure to noise and vibration

Drawing up of inspection and maintenance plans for collective and personal protective equipment

Corporate assistance relating to the introduction of new regulatory requirements concerning exposure to noise and vibration and the associated risks