



NewGrange

TRAINING & SERVICES LTD

Better People, Better Business®



Noise Surveys

The measurement of noise is a complex issue and one that you naturally want to get right. Noise assessments, either environmental or within the workplace, should only be undertaken by competent people. Our consultant is able to carry out assessments to meet legislative requirements, and can help you find practical solutions to your problems.

We offer two types of noise assessment:

- *Environmental noise*
- *Workplace exposure to individuals*



Workplace Noise Assessment

The Control of Noise at Work Regulations 2005 came into force for all industry sectors in Great Britain on 6th April 2006 (except for the music and entertainment sectors where they come into force on 6th April 2008). The aim of the new Regulations is to ensure that workers' hearing is protected from excessive noise at their place of work. Exposure to high noise levels can cause hearing loss and conditions such as tinnitus (permanent ringing in the ears).

The Control of Noise at Work Regulations 2005 have replaced the old Noise at Work Regulations 1989 (except for the music and entertainment sectors) and they place more stringent requirements upon the amount of noise to which workers can be exposed. Employers must provide hearing protection and hearing protection zones when workers exceed the Upper Exposure Action Value (which is a daily or weekly exposure of 85dBA or more). Above the Lower Exposure Action Value (which is a daily or weekly exposure of 80dBA or more), employers must assess the risk to workers' health and provide them with information and training. There is also an Exposure Limit Value of 87dBA, taking account of any reduction in exposure provided by hearing protection, above which workers must not be exposed.

Measuring the Sound Level

The regulations are designed to protect individuals from damage to their hearing, both from exposure to sustained levels of noise over a working life, and from very high impulses of noise, which can give instant damage. With this in mind, measurements are taken which assess the average exposure an individual is subjected to throughout the day and also measure any 'peaks' of noise which could result in instant hearing damage.

Environmental Noise assessment

If your business is planning a development or you are concerned that noise from your premises may disturb people in nearby residential areas, then an environmental noise assessment may well be of benefit.

Why Use our Noise Consultant?

The new Control of Noise at Work Regulations 2005 call for the use of 'expert intermediaries' meaning an employer should rely on competent third parties where they themselves are not competent for the relevant aspect of noise in the workplace. Noise assessment can be very complex and you need the right combination of training and experience to be considered as competent. Our consultant is a member of the Institute of Acoustics which is the gold-standard of competency in noise assessment and also holds an MSc in Acoustics, Vibration & Noise Control.

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