



Noise Measurement and Management Best Practice Workshop — measuring and managing noise at work

The expectations of the HSE with respect to occupational noise under the Control of Noise at Work Regulations are often misunderstood, resulting in either inefficient or poor compliance. This workshop provides delegates who do not need the full IOSH competency training with a pragmatic guide to “best practice”. It includes basic noise measurement so that delegates can carry out quick checks against the regulatory Action Levels. As such, it is also an ideal update for those with some experience of assessing and managing noise. It gives delegates practical information on the improvements in quality and efficiency that can often be made by using the latest techniques.

Aims

To provide delegates with the practical knowledge and skills necessary for them to be able to carry out basic noise measurements and to understand what constitutes best practice in risk management.

Prerequisites

Delegates need not have any prior knowledge on the subject of industrial noise. They should bring their own sound level meter if they have one, but meters can be provided.

content exceeded my expectations for the day, very professional, excellent approach... pitched exactly right - no suggestions for improvement... course delivery was spot on. nice to have a trainer who is competent in his field and knows what he is talking about...

Programme

Introduction

- Hearing damage risk - with practical examples

Terminology and the Behaviour of Sound

- A brief, non-mathematical guide to noise terminology. Behaviour of sound; transmission, reverberation, standing waves, absorption, insulation, distance decay, barriers, acoustic material characteristics etc

The Noise Regulations

- A brief review of the Action Levels and requirements of the regulations and their practical implications

HSE Approach and Expectations

- The HSE expectations and emphases with respect to “best practice”

Key Performance and Efficiency Issues

- implementing best practice in:
Noise management assessment
Report quality and utility; digital noise assessment reporting
Noise control
Assessing the options, costs and benefits

Sound Level Meters

- Instrumentation specifications; the use and abuse of sound level meters, calibration, accuracy.

Practical workshop

- Hands-on calibration and measurements on live / recorded occupational noise sources

Group Discussion and Review

- Practical results and course elements plus an opportunity to chat with experienced engineers about practical issues

There is ample opportunity for delegates to discuss particular circumstances during the programme.

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