

# “Buy Quiet / Design Quiet”

Tuesday 5 March 2013

Fitzroy House, HMRC Campus,  
Castle Meadow Road, Nottingham, NG2 1BD

## Aims

A one-day meeting to share knowledge and experience on "quiet by design" for workplace machinery. This event supports the HSE's Buy Quiet initiative by promoting the development, supply and purchase of low noise equipment.

## Attendance

Machinery designers (manufacturers) seeking knowledge of quiet-by-design and legislative requirements, machinery purchasers/users seeking knowledge to understand/challenge machinery suppliers' claims, acoustics professionals advising both purchasers and manufacturers, anyone with an interest in low-noise design

- 09.30**      *Registration and welcome*
- 10.00**      **The importance of buying and designing quiet, and the legal framework**  
*Sarah Haynes, HSE*
- 10.30**      **Case study 1 - Holistic approach to plant design**  
*Jon Richards, Kellogg Brown & Root Ltd*
- 11.00**      *Refreshments*
- 11.30**      **Case study 2 – Designing quiet products *Acoustic development of the turbine trigger head floor tool of the DC39 vacuum cleaner***  
*Ludovic Desvard, Dyson*
- 12.00**      **Case study 3 – Designing quiet products**  
*t.b.c.*
- 12.30**      *Lunch*
- 13.30**      **Reasons to buy and design quiet equipment**  
*Bruce Appleton, HSE*
- 14.00**      **Case study 4 – Engineering noise control examples**  
*Peter Wilson, INVC*
- 14.30**      **Low Noise Design**  
*Malcolm Smith, ISVR Consulting, University of Southampton*
- 15.00**      *Refreshments*
- 15.30**      **Open forum & panel discussion**
- 16.30**      **End of workshop**

**Background**

Machinery Supply legislation requires designers of machinery to reduce noise emission, preferably at source. They must also provide information on noise emission and, where appropriate, advice on control of residual noise risks. Businesses are required to reduce employee noise exposure to the lowest reasonably practicable level by the Control of Noise at Work Regulations. Purchase of low noise machinery is an important way of achieving this goal, but quiet models need to be available with reliable information to help the consumer make reasonable purchasing decisions. Research has found that purchasers give little priority to noise when making purchasing decisions and the majority of noise declarations do not meet an acceptable standard, which does not help consumers make informed decisions. More information is available at <http://www.hse.gov.uk/noise/buy-quiet/index.htm>

**I wish to attend the meeting "Buy Quiet/Design Quiet" on Tuesday 5 March 2013, Nottingham**

Full Name:

Organisation:

Address:

Tel. No.

Fax. No.

Email:

- I enclose cheque/credit card details for the delegate fee
- Please give a purchase order number if you require an invoice

**The number of delegates is limited and will be accepted on a first come basis.**

	Rates include VAT
<input type="checkbox"/> IOA Members	£50.00
<input type="checkbox"/> Non-Members	£55.00

**Cancellations are payable in full.**       IOA Sponsoring Organisation

**PAYMENT DETAILS**

Please quote invoice number and account on all payments  
 Cheques: Payable to Institute of Acoustics (In £sterling on UK bank account)  
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