

eef

The manufacturers' organisation



EEF/HSE Noise and Vibration Roadshow 2006

“hope you enjoyed your lunch”



EEF/HSE Noise and Vibration Roadshow 2006

Introduction - Noise

Control of Noise

Noise

- over **1.1 million** people are at risk from high levels of noise
- **170,000** estimated cases of deafness tinnitus or other ear conditions as a result of noise exposure at work, all of which are preventable
- clear dose-response relationship
- practical effective controls
- limit value takes account of ear defenders
- action at 80 dB(A) L_{EPD} in proportion to the risk

Control of Noise Regulations

- Lower Action Value, 80dB(A) $L_{EP,d}$
- Upper Action Value, 85 dB(A) $L_{EP,d}$
- Limit Value, 87dB(A) $L_{EP,d}$



Control of Noise

- Lower Action Value 80 dB(A) L_{EPD}
 - risk assessment
 - plan of action – and action!
 - hearing protection to be available
 - information & training

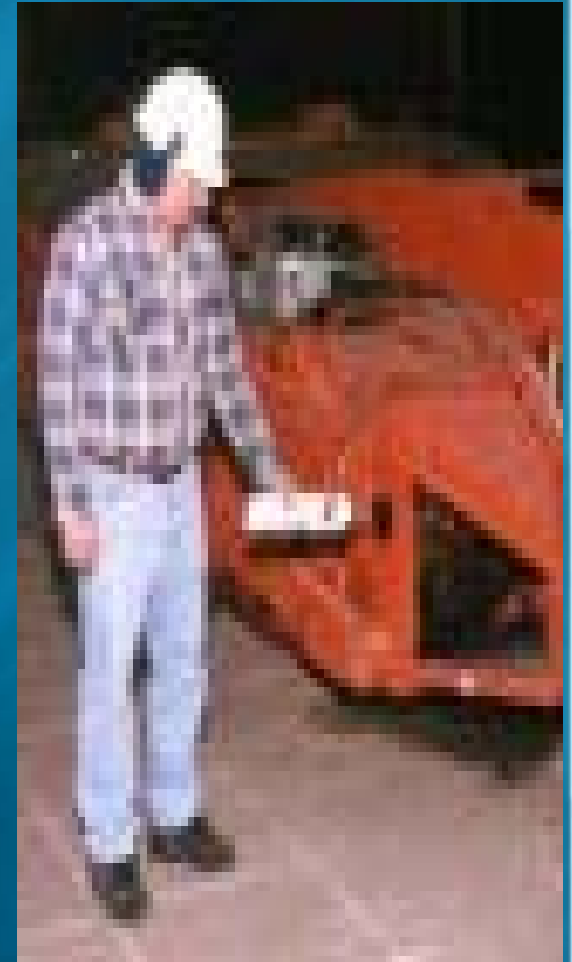


Control of Noise Regulations

Upper Action Value, 85 dB(A) L_{EPD}

- technical/organisational measures to reduce exposure
- marking, restricting, limiting access
- mandatory use of hearing protectors
- health surveillance

NB. What you used to have to do at 90dB(A) L_{EPD} now do at 85 dB(A) L_{EPD}



Control of Noise Regulations

Limit value, 87 dB(A) L_{EPD}

- The limit for personal exposure, taking into account hearing protection



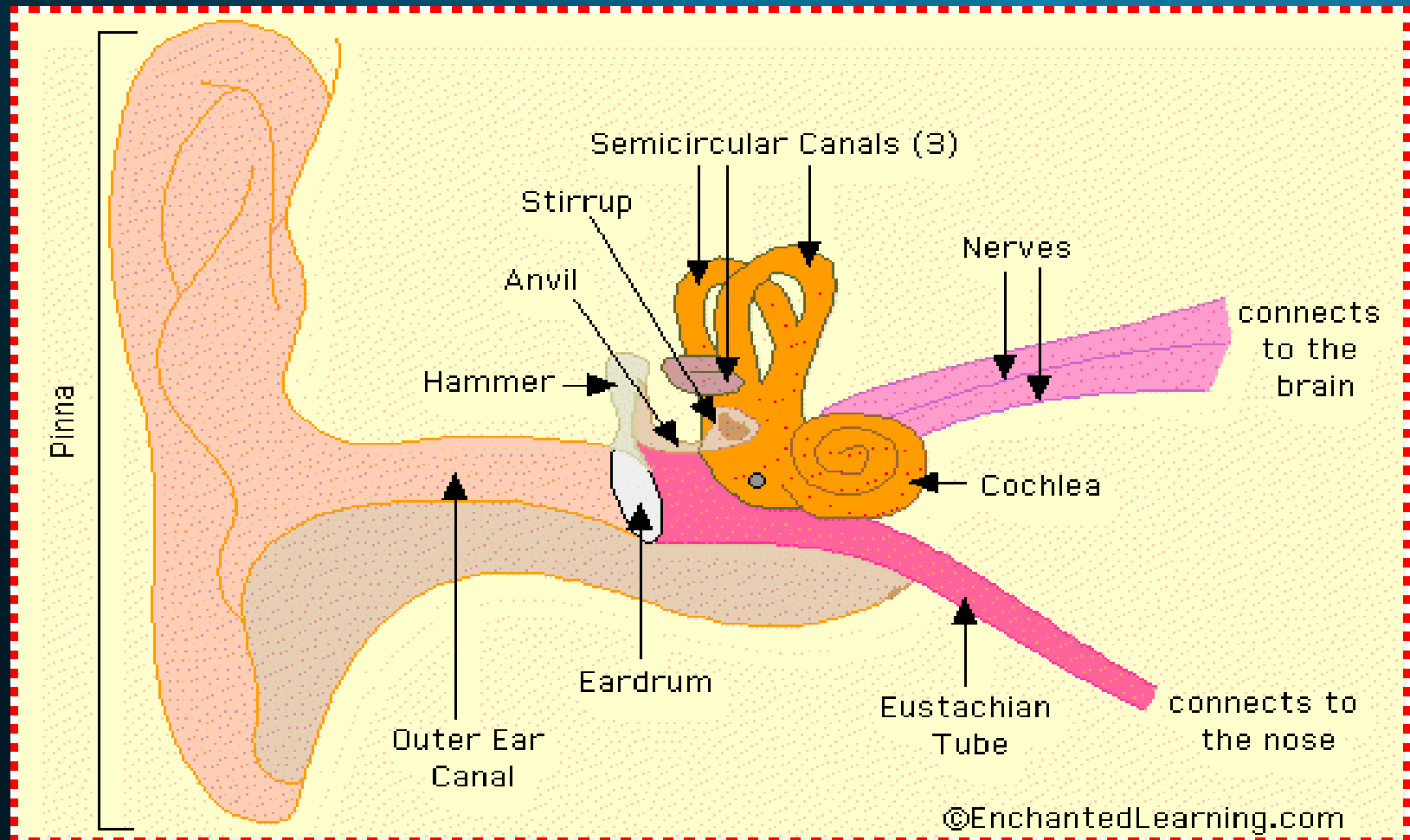
Control of Noise

Health and Safety Management

- Policy – *Employee involvement*
- Organising
- Planning and Implementing
- Measuring performance
- Review - *Audit*

- *PDCA – Plan-Do-Check-Act*

The human ear



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www.eef.org.uk