

Audiometry

The audiometer which Physical Health Screens use conforms to the relevant clauses of the following standards:

- Safety EN60601-1
- EMC EN60601-1-2
- CE mark.
- Approved for medical device directive

The instrument is automatic and intergrades with a PC providing:

- Bekesay/Houston Westlake Test Function
- Test Result Analysis
- User definable recall facility
- Identification of "at risk" personnel
- In depth management analysis.
- Evaluate and categorise hearing levels.
- Printed report on spot.
- Audiocups (noise reducing headset enclosures).

Control of Noise at Work Regulations 2005 which came into force April 2006.

This will be of particular interest to you if you are an employer whose business involves using:

- Noisy power tools or machinery.
- Explosive sources such as cartridge operated tools or detonators or guns.
- Noise from impact such as hammering, drop forging, pneumatic impact tools etc.

The level at which employers must provide hearing protection and hearing protection zones is now 85 decibels (daily or weekly average exposure) and the level at which employers must assess the risk to the workers health is 80 decibels. There is also an exposure limit value of 87 decibels, taking in account of any reduction in exposure provided by hearing protection, above which the workers must not be exposed.

Noise regulations are based on European Union Directives. The 2005 regulations require employers to take action to protect workers at levels of noise 5 decibels lower than the 1989 Regulations and now require health surveillance (hearing checks) for workers regularly exposed above 85 decibels.