General

- Noise in the workplace is the most common cause of hearing impairment.
- Only minutes of carelessness during the working day could result in impaired hearing for the rest of your life.
- Full time wear is the only way to guarantee protection.
- Damaged hearing cannot be repaired.

Regulations

From 2006 the law states that any person working in noise levels between 80dBa and 85dBa must be provided with hearing protection when requested.

Where noise levels are at or above 85dBa suitable hearing protection **MUST BE SUPPLIED AND WORN**.

European Standards

Hearing protection devices are tested to relevant standards as below:

EN352 - Part 1 Ear Muffs

EN352 - Part 2 Ear plugs and band protectors

EN352 - Part 3 Helmet mounted ear muffs

EN352 - Part 4 Level dependent ear muffs

Noise Meters / Surveys

Noise meters can be purchased for customers to carry out their own surveys or Safpro can arrange site visits to assess the protection required.

Frequencies

H (High), M (Medium), L (Low) figures are given to help in the selection of hearing protection required - measured in dB SNR (single noise rating) an overall performance of the product.

IMPORTANT

100% wearing of hearing protection - The only guaranteee against hearing injury

High tones, high volume...

Optime I. Good muffling, especially in the high-frequency range. The nature of this muffling protection permits extremely good communication potential.

+ lower tones and higher volume...

Optime II. Increased muffling, primarily for lower frequencies. This first-rate muffling, which even covers high frequencies, gives suitable protection in most noise-hazard situations.

+ bass tones and extremely high volume

Optime III. Extra noise muffling for both low and high frequencies, intended for particularly high noise levels. This protection meets the most stringent muffling demands.