



DID YOU KNOW?

Approximately *22 million* U.S. workers are exposed to potentially dangerous noise levels at work.



Occupationally-caused hearing loss is the most common work-related illness in the U.S.

Noise-Induced Hearing Loss (NIHL)

- Is the only type of hearing loss that is completely preventable.
- Can happen at any age and is potentially permanent.
- Is caused by damage to the inner ear's hair cells which normally convert sound into signals the brain understands.
- In the workplace, most frequently affects those in the manufacturing, construction, transportation and agriculture sectors.



Normal Conversation
60 dB



Farm Equipment
85-95 dB



Chainsaw
110 dB



Fire Engine Siren
120 dB



Jet Engine
140 dB

What is a decibel?

A decibel (dB) is a unit of sound measurement. The scale goes from the faintest sound a human ear can detect (0 dB) to the noise at a rocket pad during launch (over 180 dB).

How can noise damage my ears?

- 110 dB** Regular exposure longer than 1 minute risks permanent hearing loss.
- 85 dB** Prolonged exposure to any noise at or above can cause gradual hearing loss.

What are other risk factors for NIHL?

- Smoking
- Gender (Male)
- Diet
- Diabetes
- Cardiovascular Disease
- Genetic Factors

Healthy Hearing Checklist

- Educate yourself and colleagues on the importance of preventing NIHL.
- Know which noises can cause damage (those at or above 85 dB).
- Set a positive example with, and promote, effective noise control measures.
- Have an expert hearing screening on a consistent or as-needed basis.
- Wear earplugs or other protective devices and encourage coworkers to do so as well.



123 Main Street • Suite A • Anywhere, IN 55555
555.456.7890 • soundadvice.com