

# CHỤP TAI CHỐNG ỒN / HEARING PROTECTION

## NORTH North Safety Products



## Protector



### TYPICAL NOISE LEVELS

Decibels	Source of sound
10	Rustle of leaves in gentle breeze
25	Average whisper
30-40	Country residence
30-55	City residence
40-70	City office
50-81	City street
70-110	Average factory
95	Subway train passing through Local station (express)
90-96	Public address system

### TYPICAL NOISE LEVELS

Decibels	Source of sound
90-106	Ari drill
106	Band saw on sheet metal
96-105	Pop group-electric guitar
105-115	Boiler factory
100-116	Circular saw
120	Motor and propeller of plane 18 ft
100-130	Drop hammer
130	Level of painful sounds
140	PJet engine



## HEARING PROTECTION

### HOW TO PROTECT YOURSELF ?

To choose the correct product for hearing protection.

- Identify the nature of the noise : stable, fluctuating, intermittent, pulse.
- Measure the noise at the working station : intensity (dB) and volume (Hz).
- Calculate the attenuation necessary to return on an acceptable ambient level (80-85dB)

The correct ear defender is the one which allows voice (Low intensity) to pass and reduces the intense noise to a reasonable scale (ranging between 75x80 dB).

The Workplace noise should be measured and the SNR (Standard Noise Reduction) used as a simple element of selection.

### STANDARDS

#### EN352 : EXIGENCES OF SAFETY AND TESTS

- EN352-1 : the head-fasteners.
  - EN352-2 : the earplugs.
  - EN352-3 : the adjustable head fasteners for the SAFETY HELMETS in industry.
- These standards establish requirements in regards to the manufacture, the design, performances and test methods. They stipulate the putting at disposal relative to the characteristics.