



Department of Occupational
Safety & Health

PELAN STRATEGIK PENGUATKUASAAN PERATURAN PENDEDAHAN BISING

N.A.A.P
NOISE
AWARENESS
PROMOTION
&
PUBLICATION

FUNDAMENTALS OF NOISE EXPOSURE

Noise	Described as an unpleasant sound that the listener does not want to hear . It is also known as
Occupational Hearing Loss	Defines a hearing impairment in one or both ears , partially or completely, that results from one's employment . It includes acoustic trauma as well as noise-induced hearing loss .

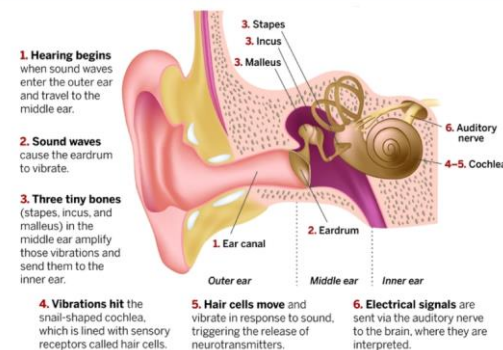
LEGISLATION

Permissible Exposure Limit (PEL), FMA, Reg. 5 & 6 (Noise Exposure) 1989

1. No employee shall be exposed to noise level exceeding equivalent continuous sound level of **90 dB (A)** or exceeding the limits specified in the **First Schedule** or exceeding the **daily noise dose of unity**.
2. No employee shall be exposed to noise level exceeding **115 dB (A)** at any time.
3. No employee shall be exposed to **impulsive noise** exceeding a peak sound pressure level of **140 dB**.

HEARING MECHANISMS

How We Hear



IS YOUR WORK AREA NOISY?



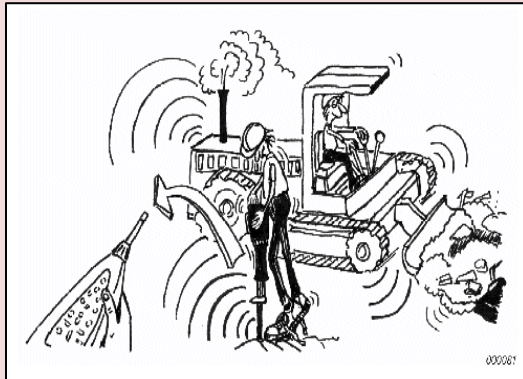
Stand at arm's length from co-worker. If you cannot speak in normal tone and must **SHOUT to communicate, then the level is too high and should be reduced**

WHEN IS WORKPLACE NOISE IS DANGEROUS

There's only one way to know. Have the noise evaluated by registered noise competent person to conduct a **noise monitoring**. There are two basic types:

- **Area monitoring.**

Use a sound-level meter to identify areas in the workplace that may put workers' hearing at risk.

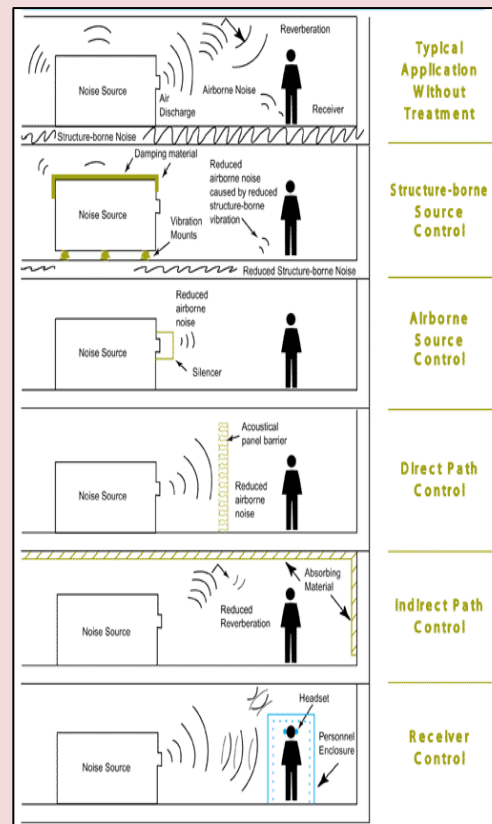
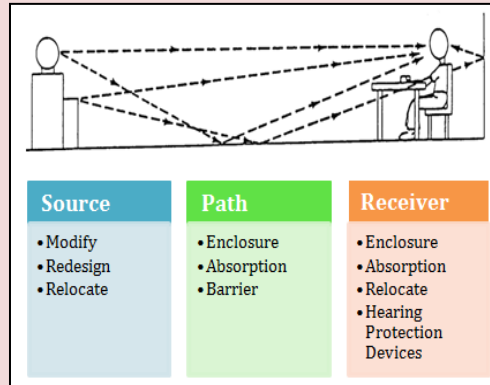


- **Personal monitoring.**

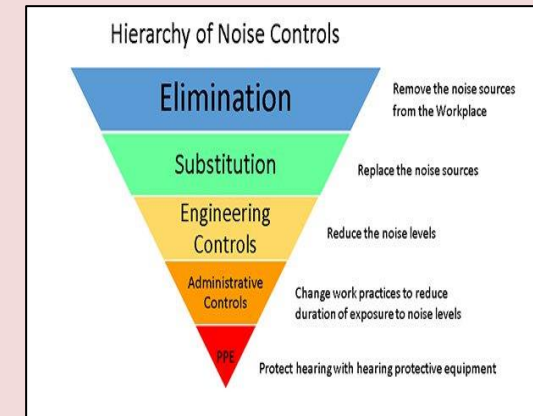
Use a dosimeter to estimate an individual's daily noise dose exposure.



METHOD OF NOISE CONTROL



HEIRARCHY OF CONTROL



AUDIOMETRIC TESTING

Audiometric is

- Conducted to determine worker's threshold of audibility or worker's hearing ability
- Employer shall appoint approved audiometric testing

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KEBERHASILAN PELAN STRATEGIK

- 80% tempat kerja yang diperiksa mencapai sekurang – kurangnya Gred C
- Pengurangan kes baru masalah pendengaran berkaitan bising di tempat kerja (**Occupational Noise Related Hearing Disorders**) sebanyak 30%



PEMATUHAN DAN PELAKSANAAN OLEH MAJIKAN



Pelaksanaan Pelan Strategik Penguatkuasaan Pendedahan Bising 2018-2020

Model pelan strategik yang akan dilaksanakan adalah merangkumi 4 inisiatif yang berteraskan satu tunjang utama iaitu NET.

Model Pelan Strategik adalah seperti berikut;

- Transformasi Penguatkuasaan Kebisingan atau *Noise Enforcement Transformation* (NET)
 - ✓ Penetapan Piawai Kebisingan
 - ✓ Pemerkasaan Pengamal KKP
 - ✓ Promosi dan Publisiti Kesedaran Bising

Noise Enforcement Transformation (NET)

Secara amnya, NET merangkumi 3 program penguatkuasaan

Peringkat 1: Pengesanan Awal

- Pematuhan kepada peraturan 9, 10, 12 dan 20

Peringkat 2 : Proaktif

- Penumpuan kepada kawalan kebisingan (*noise control*)

Peringkat 3 : Reaktif

- Semakan semula keberkesanan langkah kawalan bagi tempat kerja yang mempunyai kes NIHL

