

Noise at Work

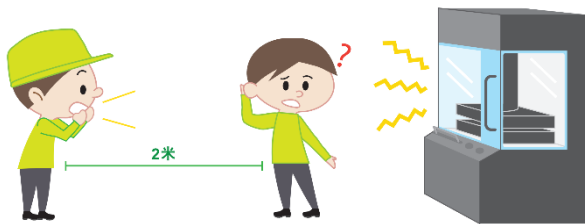
- Noise: - unwanted sound because it can cause hearing loss, interferes speech communication, and disturbs moods, relaxation, and privacy

- Sources of noise at work: -

- Operation of machines
- Use of tools within workplaces



- The noise generated by machinery or the working process shall be confined at the source as far as practicable so as to minimize the effect on others
- Noise assessment shall be carried out for suspected noisy areas by a competent person to evaluate the risk and obtain information for the preparation of proper control measures.
- Carry out preliminary noise assessment with noise meter of the noise level is deem to be unacceptable. E.g. it is difficult to be heard between people around 2 meters apart. If the noise level is identified to be 85dB(A) (First action level) or above, a noise assessment is required to be conducted by a competent person.



EAR PROTECTION ZONE
聽覺保護區



WEAR SUITABLE APPROVED EAR PROTECTOR
佩戴適合的認可聽覺保護器

- A workplace where the noise level reaches 90dB(A) (Second action level) or above is classified as ear protection zone. Any person staying inside ear protection zone shall put on suitable approved ear protectors. Demarcate and identify ear protection zone with labelling at the zone.

Bad Example:



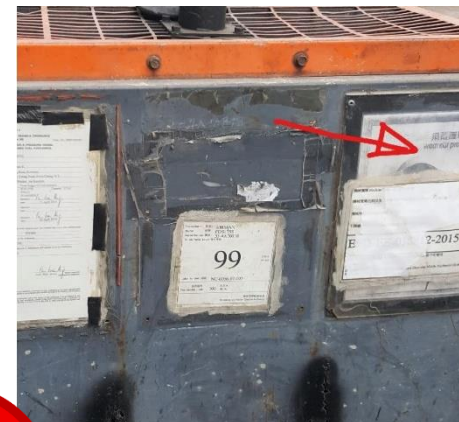
Noise protection zone shall be setup for noisy work operation and workers shall be provided with hearing protectors.



Noise assessment for noisy machinery should be carried out by a competent person.



Noise protection zone shall be defined in plant areas. Warning notice shall be displayed on the entrance of the plant rooms.



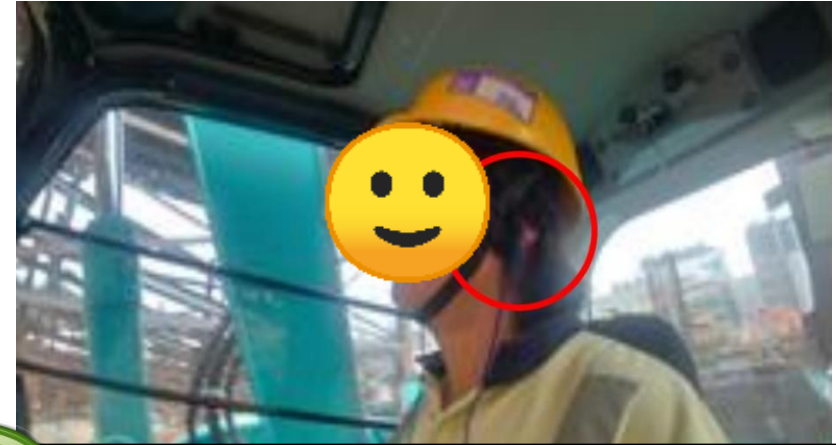
Notices for ear protection should be posted in conspicuous position.



Correct/ Good Practice:

Control Measures: -

- Reduce source of noise
 - ✓ Use machine with less noise
 - ✓ Reduce impact or cushion with anti-vibration material
 - ✓ Install muffler or silencer
 - ✓ Regular maintenance and repair of machines
- Control noise dissemination
 - ✓ Isolate source of noise
 - ✓ Apply suitable sound absorbing material or sound barrier
- Take administrative measures
 - ✓ Regular rest break
 - ✓ Intermittent job rotation
- Wear personal ear Protectors



No one should be arranged to work within noisy works operation area unless the worker wears appropriate hearing protector

Public Hygiene Report
 噪音評估報告
 Factories and Industrial Undertakings (Public Works) Regulation
 工廠及工業經營(公共工程)規例

Name of Industrial Undertaking: City for Engineering Limited
 工廠名稱: City for Engineering Limited

Address: 11 Des Voeux Tel No: 27722217
 地址: 11 Des Voeux 電話號碼: 27722217

Site/Work area: Waterloo Hill Occupier: Safety Training supervisor: 350 250 250
 地點/工作範圍: Waterloo Hill 佔用人: Safety 訓練監督人: 350 250 250

Item No.	Area/Source of noise	Frequency	Time of exposure	Level (dB(A))	No. of workers exposed	Description of noise	Classification of noise level
1.	Background noise of road traffic	24 hrs	8 hrs	65	10	Background noise of road traffic	Classified as low noise
2.	General background noise	24 hrs	8 hrs	65	10	General background noise	Classified as low noise

Assessed by: Dr. Paul Chan Date: 15/10/2020
 評估人: Dr. Paul Chan 日期: 15/10/2020

Signature: 15/10/2020
 簽署: 15/10/2020



Noise assessment is conducted by competent person



Demarcate and identify ear protection zone with labelling at the zone



Display notice for wearing ear protector