

# How Loud Is It?

## Ship Building

*Here are some typical noise levels in commercial vessel construction.*

*Note: these are examples only and may not apply to your specific worksite. Noise-induced hearing loss results from a combination of high sound levels and extended periods of exposure to sounds above 85 dBA.*

**Protect your hearing when performing these jobs.**

### **1. Noise Exposure Levels**

These are all 8 hour  
(or equivalent) exposures

Burner .....	85-91 dBA
Crane Op. ....	88-97 dBA
Electrician .....	86-89 dBA
Fitter .....	92-102 dBA
Labourer .....	95-97 dBA
Machinist.....	82-89 dBA
Sandblaster .....	97-105 dBA
Shipwright.....	94-100 dBA
Welder.....	91-100 dBA



### **2. Hearing Protection Devices**

Hearing protection should be selected based on:

- noise exposure
- communication demands
- hearing ability
- use of other personal protective devices
- temperature and climate
- physical characteristics of the job or worker

<b>Noise Level</b>	<b>Recommended HPD</b>
Less than 90 dBA	Class C, Grade 1
Less than 95 .....	Class B, Grade 2
Less than 100 .....	Class A, Grade 3
Less than 105 .....	Class A, Grade 4
Less than 110 .....	Earplugs+Earmuffs