

# Importance of Reducing Noise at Industrial Sites



Believe it or not, dangerous noise levels impact 22 million workers on a daily basis. How loud does noise have to be to be considered dangerous? Well, noise that exceeds 85 decibels can cause hearing loss. It can also present a dangerous distraction to employees which could result in injuries. [Noise control solutions](#) are nothing new. Occupational hearing loss reports in 2007 numbered 23,000. This is across various injuries. Between 1996 and 2010, nearly 80% of all welders suffered from hearing loss. Roofers suffered hearing loss at a rate of 47%. Most of them could've been avoided by employing industrial sound control.

## The Dangerous of High Noise Levels

While there are numerous dangers to high noise levels, the most significant are listed below:

### 1. Health Problems

2. Equipment Damage
3. Decreased Productivity
4. Distractions
5. Environmental Impact

### **Health Problems**

Loud noise has been linked to various health problems. The most serious of which are listed below:

1. Hearing Loss
2. High Blood Pressure
3. Increased Anxiety
4. Heart Problems
5. Sleep Problems

All of these can lead to lack of concentration in industrial settings. When workers are distracted around heavy equipment, accidents will happen. The unfortunate nature of industrial accidents is they can have deadly consequences.

### **Equipment Damage**

Vibrations and sound reverberation can wreak havoc on all types of equipment, even heavy-duty earth movers. It can loosen critical bolts and nuts which can lead to catastrophic failure of machinery. When this happens, there can be devastating consequences.

### **Decreased Productivity**

Noise creates a high degree of distraction. When noise bothers employees, they lose focus. When this happens it, there is a reduction in productivity. It can also lead to mistakes which can

translate into greater cost. When noise is better controlled, employees are able to better focus on their tasks. With greater focus comes better productivity and less chances for accidents.

### **Environmental Impact**

While many noise studies are focused on employees and structural integrity, it should be noted that dangerous noise levels can also impact the surrounding environment. For those animals who hunt by sound, dangerous noise can disrupt their ability to hunt and thrive. With the implementation of industrial noise suppression, this can be avoided and the surrounding environment can remain intact.

### **In Conclusion**

Noise control is not an impossible task. There are various techniques and products to help manage the sound in specific environments. The key is to target the source of the unwanted noise and then implement a noise reduction plan that addresses those sources. With noise control solutions, IES-2000's acoustical technicians are second to none. The expertise our audiologists possess means our solutions are attainable and sustainable.

We can provide noise reduction advice that makes sense. Starting with an acoustic assessment, we outline the necessary steps needed to reduce the unwanted noise. With our acoustical technicians, IES-2000 provides customized solutions for each project. We meet our customer needs every time. If you have noise reduction needs, it is time to reach out to IES-2000 for a solution. Reach out today.

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