

Helmets for protection against electrical shock and burns shall meet the requirements of ANSI Z89.2-1971. 1926.100(c)

### Hearing Protection

Feasible engineering or administrative controls shall be utilized to protect employees against sound levels in excess of those shown in Table D-2. 1926.52(b)



Table D-2 Permissible Noise Exposures	
Duration Per Day	Sound Level DBA Slow Response
8 hours	90
6 hours	92
4 hours	95
3 hours	97
2 hours	100
1 hour	105
.5 hour	110
.25 hour or less	115

When engineering or administrative controls fail to reduce sound levels within the limits of Table D-2, ear protective devices shall be provided and used. 1926.52(b) and 1926.101(a)

Plain cotton is not an acceptable protective device. 1926.101(c)

In all cases where the sound levels exceed the values shown in Table D-2, a continuing, effective hearing conservation program shall be administered. 1926.52(d)(1)

A hearing conservation program in construction should include the following elements:

- Monitoring employee noise exposures,
- Using engineering, work practice and administrative controls, and personal protective equipment,
- Fitting each overexposed employee with appropriate hearing protectors,
- Training employees in the effects of noise and protection measures, and
- Explaining procedures for preventing further hearing loss.

Exposure to impulsive or impact noise should not exceed 140 dB peak sound pressure level. 1926.52(e)

### Heating Devices, Temporary

When heating devices are used, fresh air shall be supplied in sufficient quantities to maintain the health and safety of workers. 1926.154(a)(1)

Solid fuel salamanders are prohibited in buildings and on scaffolds. 1926.154(d)

Heaters used in the vicinity of combustible tarpaulins, canvas, or similar coverings shall be located at least 10 feet from the coverings. The coverings shall be securely fastened to prevent ignition or upsetting of the heater due to wind action on the covering or other material. 1926.154(b)(4)

### Helicopter Lifts

Helicopters are being used more and more to lift large pieces of equipment to areas that are inaccessible by crane. In some cases, it may be more economical to use a helicopter.