

**DECIBEL - dB(A)**

**EQUIPMENT**

Double protection  
recommended  
above 105 dB(A)

112
110
108
107
102-104
102
101-103
97
96
96
96
95
94
90
87
86
85-90
85
60-70

Pile driver
Air arcing gouging
Impact wrench
Bulldozer - no muffle
Air grinder
Crane - uninsulated cab
Bulldozer - no cab
Chipping concrete
Circular saw and hammering
Jack hammer
Quick-cut saw
Masonry saw
Compactor - no cab
Crane - insulated cab
Loader/backhoe - insulated cab
Grinder
Welding machine
Bulldozer - insulated cab
Speaking voice

Hearing protection  
recommended  
above 85 dB(A)

**Table 1: Some typical noise levels found on construction sites**