



For every 3 dB increase above 85dBA, the permissible exposure time before possible damage can occur is cut in half.

Continuous Sound Pressure	Permissible Exposure Time
85 dBA	8 hours
88 dBA	4 hours
91 dBA	2 hours
94 dBA	1 hour
97 dBA	30 min
100 dBA	15 min
103 dBA	7.5 min
106 dBA	<4 min
109 dBA	<2 min
112 dBA	~1 min
115 dBA	~30 sec

Accepted standards for recommended permissible exposure time for continuous time weighted average noise, according to NIOSH and CDC, 2002.

