

Carbon Monoxide (CO)

<u>PPM</u>	<u>EFFECTS</u>
0	Normal
9	Max allowable short term -ASHRAE
10 - 24	Investigate source human health effects not understood
25	Maximum exposure TWA - (OSHA - alarm)
50	Maximum exposure in workplace (OSHA)
125	(OSHA - alarm)
200	dizzy, nausea, fatigue headache (evacuate)
400	life threatening 3 hrs
800	convulsions, unconscious death within 2 - 3 hrs
1600	death within 1 - 2 hrs
6400	death within 30 min.
12800	death within 1 - 3 min.

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POCKET CO

TE = total exposure in ppm-hr

MAX = maximum ppm of any individual reading during the 8 hour period

TIME = time when maximum ppm occurs after starting 8 hr mode in minutes

TWA = time weighted average in ppm, $TWA = TE/time$

PPM = parts per million by volume is a concentration term that indicates that there is one part CO in one million parts air

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