

CFR TABLE

Z-1]. [NIOSH REL] THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH) HAS ESTABLISHED A RECOMMENDED EXPOSURE LIMIT (REL) FOR CARBON MONOXIDE OF 35 PPM (40 MG/M(3)) AS AN 8-HOUR TWA AND 200 PPM (229 MG/M(3)) AS A CEILING [NIOSH 1992]. THE NIOSH LIMIT IS BASED ON THE RISK OF CARDIOVASCULAR EFFECTS. [ACGIH TLV] THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) HAS ASSIGNED CARBON MONOXIDE A THRESHOLD LIMIT VALUE (TLV) OF 25 PPM (29 MG/M(3)) AS A TWA FOR A NORMAL 8-HOUR WORKDAY AND A 40-HOUR WORKWEEK [ACGIH 1994, P. 15]. THE ACGIH LIMIT IS BASED ON THE RISK OF ELEVATED CARBOXYHEMOGLOBIN LEVELS [ACGIH 1991, P. 229]. CONCENTRATION SYMPTOMS 35 PPM (0.0035%) HEADACHE AND DIZZINESS WITHIN SIX TO EIGHT HOURS OF CONSTANT EXPOSURE 100 PPM (0.01%) SLIGHT HEADACHE IN TWO TO THREE HOURS 200 PPM (0.02%) SLIGHT HEADACHE WITHIN TWO TO THREE HOURS; LOSS OF JUDGMENT 400 PPM (0.04%) FRONTAL HEADACHE WITHIN ONE TO TWO HOURS 800 PPM (0.08%) DIZZINESS, NAUSEA, AND CONVULSIONS WITHIN 45 MIN; INSENSIBLE WITHIN 2 HOURS 1,600 PPM (0.16%) HEADACHE, TACHYCARDIA, DIZZINESS, AND NAUSEA WITHIN 20 MIN; DEATH IN LESS THAN 2 HOURS 3,200 PPM (0.32%) HEADACHE, DIZZINESS AND NAUSEA IN FIVE TO TEN MINUTES. DEATH WITHIN 30 MINUTES. 6,400 PPM (0.64%) HEADACHE AND DIZZINESS IN ONE TO TWO MINUTES. CONVULSIONS, RESPIRATORY ARREST, AND DEATH IN LESS THAN 20 MINUTES. 12,800 PPM (1.28%) UNCONSCIOUSNESS AFTER 2-3 BREATHS. DEATH IN LESS THAN THREE MINUTES.

ADD-ON 05/21/2012 09:29PM CHRIS HALL(FSE) MSS - FCSD - REG - ORLANDO CLOSING TAR.

AUDIT 05/21/2012 09:29PM CHRIS HALL(FSE) MSS - FCSD - REG - ORLANDO TECH ASSIST REFERRAL HAS BEEN CLOSED

ADD-ON 06/22/2012 02:38PM CHRIS HALL(FSE) MSS - FCSD - REG - ORLANDO REOPENING TAR TO DOCUMENT REPAIR PROCEDURE JUST PERFORMED THAT WAS SENT BY ENGINEERING.