

Effects of CO at Different Concentrations

12,800 ppm	Immediate effect; unconsciousness and danger of death in 1 to 3 minutes.
6,400 ppm	Headache and dizziness in 1 to 2 minutes; unconsciousness and possible death in 10 to 15 minutes.
3,200 ppm	Headache and dizziness in 5 to 10 minutes; unconsciousness and possible death in 10 to 15 minutes.
1,500 ppm	Headache, dizziness and nausea, collapse in 20 minutes; unconsciousness and possible death in 2 hours.
800 ppm	Headache, dizziness and nausea in 45 minutes; collapse, and possible death in 2 hours.
400 ppm	Frontal headache and nausea after 1 to 2 hours. Life threatening after 3 hours.
200 ppm	Should not be exposed to this level. Possible mild frontal headache in 2 to 3 hours.
100 ppm	No poisoning symptoms for long time period. Allowable for several hours.
35 ppm	Permissible exposure level. <u>No apparent toxic symptoms</u>

Information from
Boiler and Machinery
Engineering Bulletin,
Federal Register,
Vol 45 and Industrial
Toxicology,
3rd. Edition.