CARBON MONOXIDE CASE DEFINITION

LAB BASED

**CONFIRMED**
- Blood COHb ≥5% in a nonsmoker or person with unknown smoking status <14 years of age
- Blood COHb >12% in a smoker or person with unknown smoking status ≥14 years of age

**PROBABLE**
- Blood COHb ≥9% and ≤12% in a smoker or person with unknown smoking status ≥14 years of age

**SUSPECT**
- Blood COHb ≥2.5% and <5% in a nonsmoker or person with unknown smoking status <14 years of age
- Blood COHb ≥7% and <9% in a smoker or person with unknown smoking status ≥14 years of age

CLINICAL AND ENVIRONMENTAL BASED

**CONFIRMED**
- Loss of consciousness or death
- CO poisoning symptoms and elevated pulse CO-oximetry ≥5%
- Exposure to measured, elevated CO level for known duration consistent with CO poisoning

**PROBABLE**
- Loss of consciousness or death
- CO poisoning symptoms and elevated pulse CO-oximetry ≥5%
- Alarm of CO detector, or CO-related symptoms associated with a CO-emitting source
- Epidemiological linkage to confirmed case

**SUSPECT**
- CO poisoning symptoms and elevated pulse CO-oximetry ≥5%
- Alarm of CO detector, or CO-related symptoms associated with a CO-emitting source

BUREAU OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH
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