

ATTACHMENT 4

Guide for Selection of Respirators

Type of Hazard	Type of Respirator
Oxygen deficiency	Self-contained breathing apparatus. Hose mask with blower. Combination of air-line respirator and auxiliary self-contained air supply or storage receiver with alarm.
Gas and vapor contaminants immediately dangerous to life or health	Self-contained breathing apparatus. Hose mask with blower. Air-purifying full-facepiece respirator chemical canister (gas mask). Self-rescue mouthpiece respirator (for escape only). Combination of air-line respirator and auxiliary self-contained air supply or storage receiver with alarm.
Gas and vapor contaminants not immediately dangerous to life or health	Air-line respirator. Hose mask with blower. Air-purifying half-mask or mouthpiece respirator with chemical cartridge.
Particulate contaminants immediately dangerous to life or health	Self-contained breathing apparatus. Hose mask with blower. Air-purifying full-facepiece respirator appropriate filter. Self-rescue mouthpiece respirator (for escape only). Combination of air-line respirator and auxiliary self-contained air supply or storage receiver with alarm.
Particulate contaminants not immediately dangerous to life or health	Air-purifying half-mask or mouthpiece respirator with filter pad or cartridge. Air-line respirator. Air-line abrasive-blasting respirator. Hose mask with nose blower.
Combination of gas, vapor, and particulate contaminants immediately dangerous to life or health	Self-contained breathing apparatus. Hose mask with blower. Air-purifying full-facepiece respirator chemical canister and appropriate filter (gas mask with filter). Self-rescue mouthpiece respirator (for escape only). Combination of air-line respirator and auxiliary self-contained air supply or storage receiver with alarm.
Combination of gas, vapor, and particulate contaminants not immediately dangerous to life or health	Air-line respirator. Hose mask with blower. Air-purifying half-mask or mouthpiece respirator with chemical cartridge and appropriate filter.

Source: American National Standards Institute, Practices for Respiratory Protection, New York, 1969, Z88.2.