

| Gas | Chinese Name | STEL (mg/m3) | Sensor | Resolution | Pac 3500/ Pac 5500 | Pac 7000 | X-am 5100 | X-am 2500 | X-am 3000 | X-am 5000 | X-am 5600 | X-am 7000 | X-zone 5000 | | |
|---|---------------------|--------------|----------------------------------|------------|-----------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---|---|
| Acetaldehyde | 乙醛 | 45 | XXS OV-A, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Acetylene | 乙炔 | | XXS OV-A, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Acrylonitrile | 丙烯腈 | 2 | XXS OV-A, XS OV-A | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Ammonia | 氨气 | 30 | NH3, Amine | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Arsine | 砷化氢/胂化氢 | 0.03 | Hydride, XXS PH3 | 0.01 ppm | | ● | | | | ● | ● | ● | ● | | |
| Bromine | 溴 | 2 | Cl2 | 0.05ppm | | ● | | | | ● | ● | ● | ● | | |
| Butadiene | 丁二烯 | 5 | XXS OV, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| sec-Butyl Mercaptan | 2-丁基硫醇 | 1 | Odorant | 0.5ppm | | | | | | | | ● | | | |
| tert-Butyl Mercaptan | 特丁基硫醇 | 1 | Odorant | 0.5ppm | | | | | | | | ● | | | |
| Carbon Dioxide | 二氧化碳 | 18000 | CO2 | 0.1 Vol% | | ● | | | | ● | ● | ● | ● | | |
| | | | IR CO2 | 0.01Vol% | | | | | | | ● | ● | ● | ● | |
| | | | IR Ex/CO2 | 0.01Vol% | | | | | | | | ● | | ● | ● |
| | | | IR CO2 HC | 0.2 Vol% | | | | | | | | | ● | | ● |
| Carbon Monoxide | 一氧化碳 | 30 | CO | 2 ppm | ● | ● | | ● | ● | ● | ● | ● | ● | | |
| | | | CO-HC | 5 ppm | | | | ● | | ● | ● | ● | ● | ● | |
| | | | CO/H2S | 2 ppm | | | | | | | ● | ● | ● | ● | |
| | | | CO/H2 compensate | 2 ppm | | | | | | | ● | ● | ● | ● | |
| Chlorine | 氯气 | 1 | Cl2 | 0.05 ppm | | | | | ● | ● | ● | ● | | | |
| Chlorine Dioxide | 二氧化氯 | 0.8 | ClO2 | 0.05 ppm | | | | | ● | ● | ● | ● | | | |
| Cyanogen | 氰 | | XXS HCN | 0.1 ppm | | | | | | ● | ● | | | | |
| Diborane | 乙硼烷 | 0.1 | Hydride, XXS PH3 | 0.01ppm | | ● | | | | ● | ● | ● | ● | | |
| Diethylamine | 二乙胺 | | Amine | 1 ppm | | | | | | ● | ● | ● | ● | | |
| Diethyl Ether | 二乙醚 | | XXS OV-A, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Dimethylamine | 二甲胺 | 10 | Amine | 1 ppm | | | | | | ● | ● | ● | | | |
| Dimethyl Sulfide | 二甲基硫醚 | | Odorant | 0.5ppm | | | | | | ● | ● | ● | | | |
| Dimethyl Disulfide | 二甲基二硫化物 | | Odorant | 0.5ppm | | | | | | ● | ● | ● | | | |
| Epichlorohydrin (1-chloro-2,3 Epoxypropane) | 表氯醇 1-氯-2, 3环氧丙烷 | | XXS OV, XS OV-A | 1ppm | | ● | | | | ● | ● | ● | ● | | |
| Ethanol | 乙醇 | | XXS OV-A, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Ethylamine | 乙胺 | 18 | Amine | 1ppm | | | | | | ● | ● | ● | | | |
| Ethyl Mercaptan | 乙硫醇 | 1 | Odorant | 0.5ppm | | | | | | ● | ● | ● | | | |
| Ethylene | 乙烯 | | XXS OV, XS OV | 0.5ppm | | ● | | | | ● | ● | ● | ● | | |
| Ethylene Oxide | 环氧乙烷 | 2 | XXS OV, XXS OV-A, XS OV, XS OV-A | 0.5ppm | | ● | | | | ● | ● | ● | ● | | |
| Formaldehyde | 甲醛 | 0.5 | XXS OV, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | | |
| Fluorine | 氟 | 2 | Cl2 | 0.05ppm | | ● | | | | ● | ● | ● | ● | | |
| Germane | 锗烷 | | Hydride | 0.01 ppm | | | | | | | | ● | | | |

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|-------------------------|--------------|--------------|-----------------------------|------------|-----------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|---|
| Hydrobromide | 溴化氢 | 10 | HBr | 0.1 ppm | | | ● | | | | | | | |
| Hydrogen | 氢气 | | H2 | 5 ppm | | | | | | ● | ● | ● | ● | |
| | | | XS H2 HC, Cat Ex, XXS H2 HC | 0.1 Vol% | | | | ● | | ● | ● | ● | ● | ● |
| Hydrogen Chloride | 氯化氢 | 7.5 | HF/HCl | 0.1 ppm | | | ● | | | | | | | |
| Hydrogen Cyanide | 氰化氢 | 1 | HCN | 0.1 ppm | | ● | | | | ● | ● | ● | ● | |
| Hydrogen Fluoride | 氟化氢 | 2 | HF/HCl | 0.1 ppm | | | ● | | | | | | | |
| Hydrogen Peroxide | 过氧化氢/双氧水 | 1.5 | H2O2 | 0.1 ppm | | | ● | | | | | | | |
| Hydrogen Sulfide | 硫化氢 | 10 | H2S | 1 ppm | ● | ● | | ● | ● | ● | ● | ● | ● | |
| | | | H2S LC | 0.1 ppm | | | | | | ● | ● | ● | ● | ● |
| | | | H2S -HC | 1 ppm | | | | | | | ● | ● | ● | ● |
| | | | H2S/CO | 1 ppm | | | | | | | ● | ● | ● | ● |
| Hydrogen Selenide | 硒化氢 | 0.3 | XXSPH3 | 0.01 ppm | | ● | | | | ● | ● | ● | | |
| Isobutene | 异丁烯 | | XXS OV-A, XS OV-A | 1 ppm | | ● | | | | ● | ● | ● | | |
| Iso-Propanol | 异丙醇 | 700 | XXS OV, XS OV | 1 ppm | | ● | | | | ● | ● | ● | | |
| Methanol | 甲醇 | 50 | XXS OV, XS OV | 0.5 ppm | | ● | | | | ● | ● | ● | | |
| Methyl Amine | 甲胺 | | Amine | 1 ppm | | ● | | | | ● | ● | ● | | |
| Methyl methacrylate | 甲基丙烯酸酯 | 100 | XXS OV, XS OV-A | 1 ppm | | ● | | | | ● | ● | ● | | |
| Methyl Mercaptan | 甲硫醇 | 1 | Odorant | 0.5 ppm | | ● | | | | ● | ● | ● | | |
| Nitric Acid | 硝酸 | | HF/HCl | 0.1 ppm | | | ● | | | | | | | |
| Nitric Oxide | 一氧化氮 | 15 | NO | 0.5 ppm | | | | | | ● | ● | ● | ● | |
| Nitrogen Dioxide | 二氧化氮 | 10 | NO2 | 0.1 ppm | | ● | | ● | | ● | ● | ● | ● | |
| Oxygen | 氧气 | | O2 | 0.1 Vol% | ● | ● | | ● | ● | ● | ● | ● | ● | |
| | | | O2 HC | 0.5 Vol% | | | | | | | | | ● | |
| Ozone | 臭氧 | | XXS Ozone | 0.01 ppm | | | | | | ● | ● | | | |
| Phosphine | 磷化氢 | 0.3 | Hydride, XXS PH3 | 0.01 ppm | | ● | | | | ● | ● | ● | ● | |
| | | | PH3-HC, XXS PH3 HC | 1 ppm | | | | | | | ● | ● | ● | ● |
| Phosphorus oxychloride | 三氯化磷 | 0.6 | HCl/HF | 0.1 ppm | | | ● | | | | | | | |
| Phosphorous Trichloride | 三氯化磷 | 2 | HCl/HF | 0.1 ppm | | | ● | | | | | | | |
| Propene | 丙烯 | | XXS OV, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | |
| Propylene Oxide | 环氧丙烷 | 5 | XXS OV, XS OV | 0.5 ppm | | ● | | | | ● | ● | ● | ● | |
| Silane | 四氯化硅, 硅烷 | 0.6 | Hydride, XXS PH3 | 0.01 ppm | | ● | | | | ● | ● | ● | ● | |
| Styrene | 苯乙烯 | 100 | XXS OV, XS OV-A | 1 ppm | | ● | | | | ● | ● | ● | ● | |
| Sulfur Dioxide | 二氧化硫 | 10 | SO2 | 0.1 ppm | | ● | | ● | | ● | ● | ● | ● | |
| tetrahydrofuran | 四氢呋喃 | 300 | XXS OV, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | |
| Tetrahydrothiophene | 四氢噻吩 | | Odorant | 0.5 ppm | | | | | | ● | ● | ● | ● | |
| Triethylamine | 三乙胺 | | Amine | 1 ppm | | | | | | ● | ● | ● | ● | |
| Trimethylamine | 三甲胺 | | Amine | 1 ppm | | | | | | ● | ● | ● | ● | |
| Vinyl acetate | 乙酸乙烯酯 | 300 | XXS OV-A, XS OV | 1 ppm | | ● | | | | ● | ● | ● | ● | |
| Vinyl Chloride | 氯乙烯 | 10 | XXS OV, XS OV | 0.5 ppm | | ● | | | | ● | ● | ● | ● | |

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