

Hazards of hydrogen sulfide poisoning

For safety management in work areas

Effects of hydrogen sulfide concentrations on the human body

0.3 ppm Noticeable odor 1 ppm TLV (control concentration) 10 ppm Eye irritation 100 ppm
Dulled sense of smell (2-15 minutes), irritation of the eyes and respiratory tract (1 hour)

1,000 ppm
Loss of consciousness,
respiratory paralysis,
asphyxia resulting in death









Hydrogen sulfide is a highly toxic gas with control concentrations set to extremely low 1 ppm levels. Effects on the body begin to appear at the level of 10 ppm. Under the Ordinance on Prevention of Anoxia, etc., measurements of oxygen deficiency and hydrogen sulfide concentrations are mandatory before work associated with Class 2 oxygen deficiency hazards. Riken Keiki offers personal portable detectors that can monitor control concentrations and other products that allow inspections before entry into work areas. Use Riken Keiki detectors for situations that call for these or similar applications (Riken Keiki also offers dedicated hydrogen sulfide detectors and detectors for permanent in-situ mounting. Please contact Riken Keiki for more information).

Features

- GX-8000
 - → To check environmental safety in work areas
- GX-3R, GX-3R Pro
 - → Personal portable gas detector (Compatible with hydrogen sulfide control concentrations)

Portable Gas Monitor

Model: **GX-8000**



Portable Gas Monitor

Model: GX-3R



Portable Gas Monitor

Model: GX-3R Pro



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