H2S Emergency Response Quick Reference

SHIELD CERTIFICATES
shieldcerts.com

A quick reference for recognizing and responding to hydrogen sulfide exposure. Not a substitute for formal H2S training or your site-specific emergency response plan — post this alongside certified instruction.

Date: _____ **Operator:** _____

Before Entry

- ☐ Test the atmosphere with a calibrated H2S monitor before entering any suspect area
- ☐ Confirm oxygen level, then combustible gas (LEL), then toxic gas (H2S) — in that order
- ☐ Never rely on smell alone — H2S deadens your sense of smell at higher concentrations
- ☐ Confirm rescue equipment and a trained standby person are in place before entry

Recognizing Exposure Symptoms

- ☐ Low concentration: rotten-egg odor, eye and throat irritation, headache
- ☐ Moderate concentration: loss of smell, nausea, dizziness, confusion
- ☐ High concentration: rapid unconsciousness, respiratory failure — can occur within one or two breaths

If Someone Is Exposed

- ☐ Do not enter the area without proper respiratory protection — do not become a second victim
- ☐ Sound the alarm and evacuate the area immediately
- ☐ Call for trained rescue personnel
- ☐ Move the affected person to fresh air only if it can be done safely with proper protection
- ☐ Begin first aid / CPR if trained and it is safe to do so, once clear of the hazard area

After an Incident

- ☐ Do not re-enter until the atmosphere is confirmed safe by monitoring
- ☐ Report the incident per your site's emergency response procedure
- ☐ Document exposure levels recorded and actions taken

This checklist is a quick reference and does not replace formal OSHA training or your site-specific emergency response plan. © Shield Certificates — shieldcerts.com