

# Nevada

## Regulations for Oil and Gas Operations in H<sub>2</sub>S Areas

With no commercial natural gas operations and limited natural occurrence of H<sub>2</sub>S in typical oilfield operations in Nevada, the State has few regulations addressing it.

1. Are there any devices/alarms required of operators that have H<sub>2</sub>S on location, and if so, at what ppm H<sub>2</sub>S are they required to be set?

No requirement in regulation. COAs require H<sub>2</sub>S Contingency Plan be submitted and portable detector must be on location and properly positioned to detect H<sub>2</sub>S from the well. Settings determined by operator's plan.

2. Are there any postings required of operators that have H<sub>2</sub>S on location, and if so, under what circumstances?

No requirement in regulation.

3. How are facilities at which H<sub>2</sub>S is present tracked?

No tracking mechanism.

4. What level or levels of H<sub>2</sub>S are considered actionable and under what circumstances?

State standard for ambient air is 0.08 ppm (NAC 445B.22097). Actionable level is 10 ppm.

5. Are any additional standards for rules implemented for H<sub>2</sub>S other than the following?
  - a. ANSI- American Nation Standards Institute.
  - b. API – American Petroleum Institute.
  - c. EPA – Environmental Protection Agency.

No

6. Does your state have any specific H<sub>2</sub>S safety regulations? If so, please list them below.

No.

7. What are the purposes of the H<sub>2</sub>S regulations?
  - a. Public safety
  - b. Worker safety
  - c. Other: \_\_\_\_\_

## Safety Procedures for Field Inspectors

8. What type of training is required for Field Inspectors?

First-aid/CPR, Defensive Driving, MSHA 8-hour refresher.

9. Are certifications required for Field Inspectors?

No

10. Do you have an H<sub>2</sub>S safety specialist, and if so, what is the specialist's level of expertise?

No.

11. Do state inspectors check H<sub>2</sub>S levels, or do they require operators to check?

Operators are required to check per their submitted H<sub>2</sub>S Contingency Plan.

12. If state inspectors check H<sub>2</sub>S levels, what are the required procedures/protocols for checking to determine H<sub>2</sub>S levels?

13. How often are readings required to be made? By whom? How/who keeps up with those readings?

Operators are required to check per their submitted H<sub>2</sub>S Contingency Plan.

14. Where are Field Inspectors most likely to check for H<sub>2</sub>S?

- a. Top of stock tanks
- b. Wellheads
- c. Gas streams
- d. Other: \_\_\_\_\_
- e. Not applicable

15. How do Field Inspectors respond to an H<sub>2</sub>S complaint? (Please include in the response information on any requirements about when the Field Inspector must be accompanied by another person.)

Not aware of any H<sub>2</sub>S complaints ever received.

16. Are inspectors required to wear H<sub>2</sub>S monitors? If so, what type of equipment?

Inspectors wear/carry a multi-gas meter, MSA Altair 5X.