

REVIEWER'S REPORT

Manuscript No.: IJAR-58643

Title: Acute Occupational Hydrogen Sulfide Poisoning in a confined Space: Report of Two Cases .

Recommendation:

Accept as it is

Accept after minor revision...

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

1. Hydrogen sulphide (H_2S) is a colorless, highly toxic, and flammable gas. It smells like rotten eggs at low levels. It forms when organic matter decays without oxygen. You can find it in sewers, manure pits, oil fields, and hot springs.
2. Hydrogen sulphide (H_2S) is a colorless, highly toxic, and flammable gas. It smells like rotten eggs at low levels. It forms when organic matter decays without oxygen. You can find it in sewers, manure pits, oil fields, and hot springs.
3. Hydrogen sulfide is a colorless, highly toxic, and flammable chemical compound with the formula H_2S . It is widely known for its distinct, pungent odor of rotten eggs at low concentrations. It occurs naturally from decaying organic matter in swamps and sewers and is produced by industrial processes like petroleum refining.
4. Occupational poisoning happens when a worker breathes in, swallows, touches, or is injected with a toxic substance at work. Common culprits include heavy metals (like lead and mercury), industrial gases (like carbon monoxide and hydrogen sulfide), and organic solvents. It causes sudden or long-term health damage.

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- 5. Respiratory distress is a medical emergency meaning a person cannot get enough oxygen or air. Call 911 or go to the nearest emergency room immediately if someone has severe shortness of breath, a bluish face or lips, chest pain, confusion, or is unable to speak in full sentences.**
- 6. Respiratory distress is a condition where a person has trouble breathing and works extra hard to get enough oxygen, marked by fast breathing, skin color changes, and chest pulling in.**
- 7. An altered state of consciousness is any temporary condition where a person's awareness, perception, thinking, or mood differs significantly from a normal waking state. These shifts can happen naturally, through intentional practices, or via external substances and medical issues.**
- 8. Sulfide poisoning in a confined space usually involves hydrogen sulfide (H₂S) gas. It is a colorless, highly toxic gas that smells like rotten eggs at low levels, but high concentrations rapidly deaden your sense of smell. It stops cellular energy production, causing sudden collapse ("knockdown") and death within breaths.**
- 9. Key words are good.**
- 10. Pictures are given meaningful.**
- 11. In result part for values should be given with tables and graphs.**
- 12. Summary points also be added.**
- 13. References should be with alphabetical order.**
- 14. After those changes good to publish in your journal.**