Permit-required Confined Space for General Industry 29 CFR 1910.146

Purpose and Application

Hazard Awareness

Hazard Awareness

Confined Space

Confined Space

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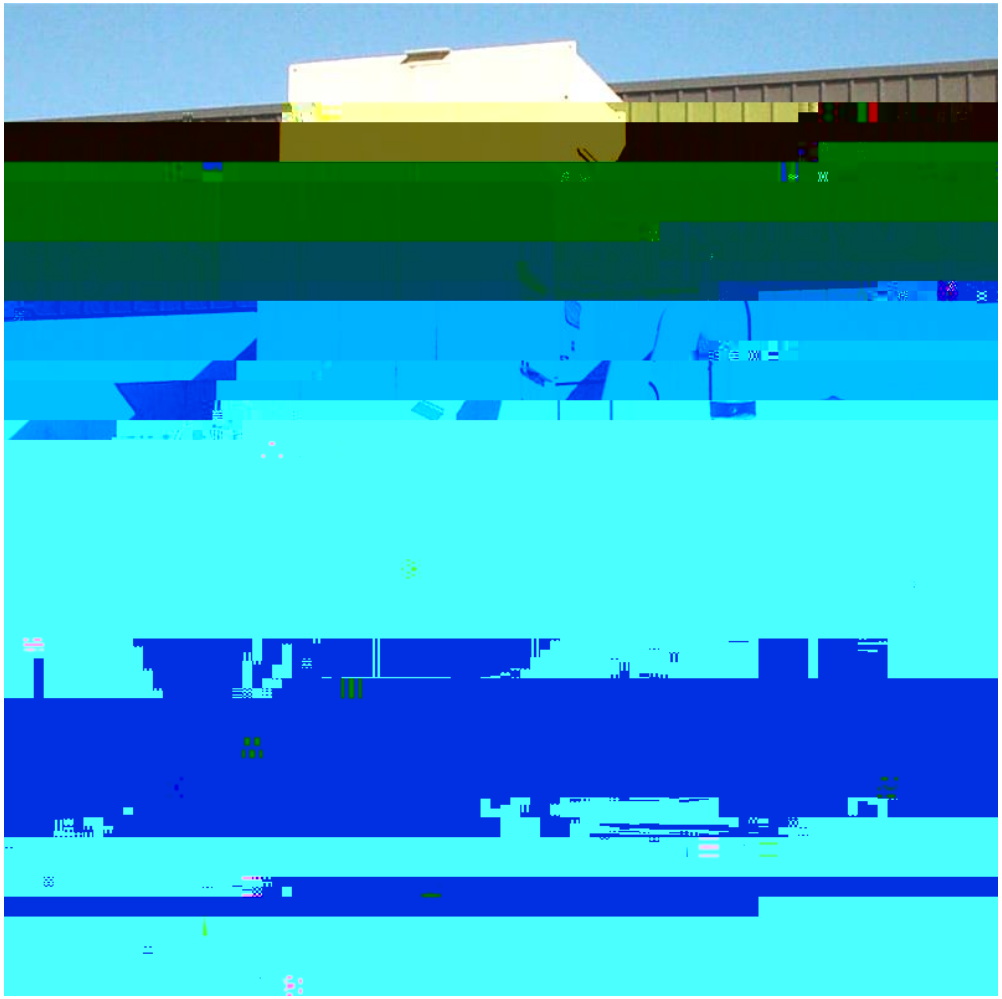
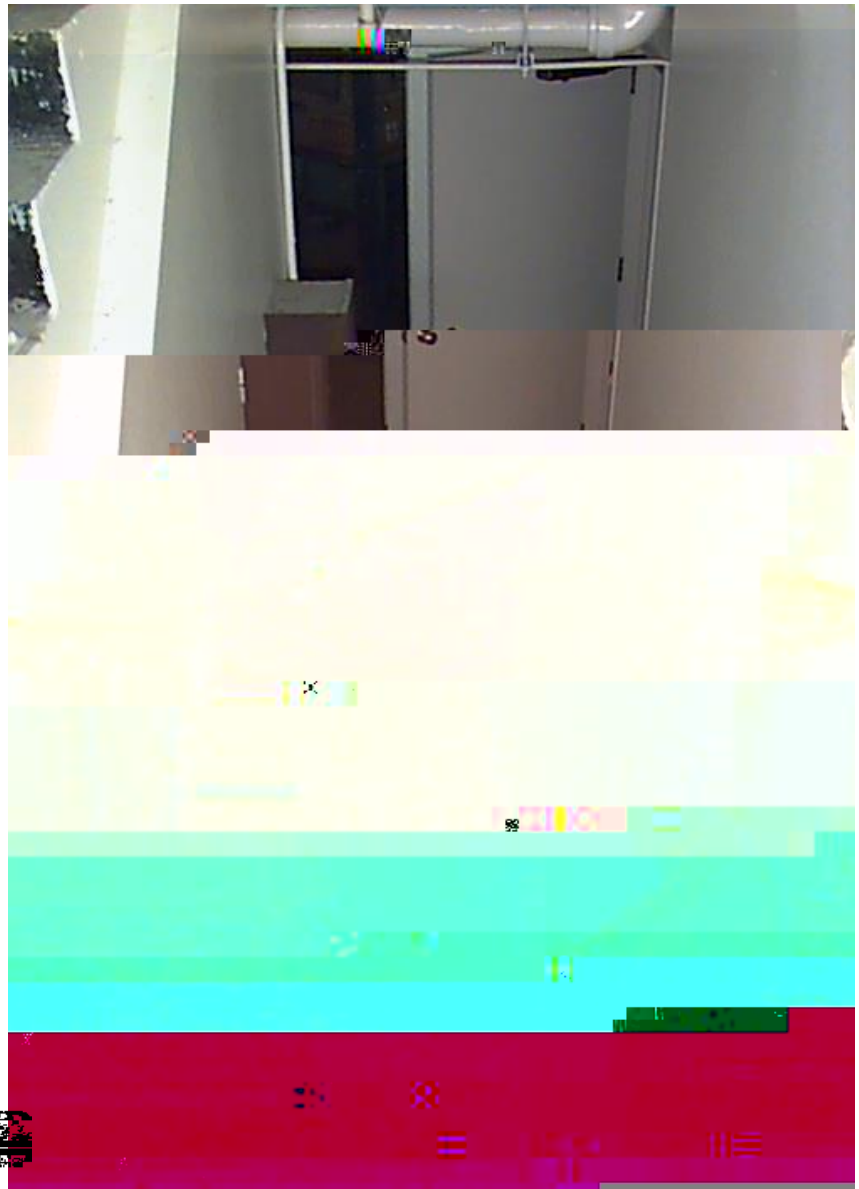
Elevator Pit

Dust Collector



Is this a Confined Space?

To Underground Tunnel



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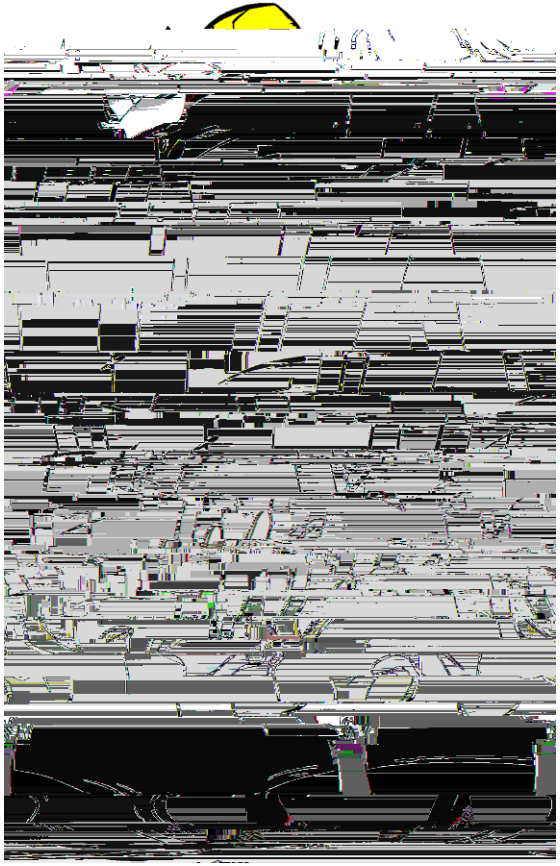
Two Options for Entering Confined Spaces:

Entry



Hmmmmmmmmm?

Entry (cont)

What is a “permit-required” confined space ?

A confined space that has one or more of the following characteristics:

-Flamm G/V >10% LFL

-Comb. Dust > LEL

-Oxygen Def < 19.5%

-Oxy Enrichment > 23.5%

- > IDLH

- > PEL, acute

-Electrical

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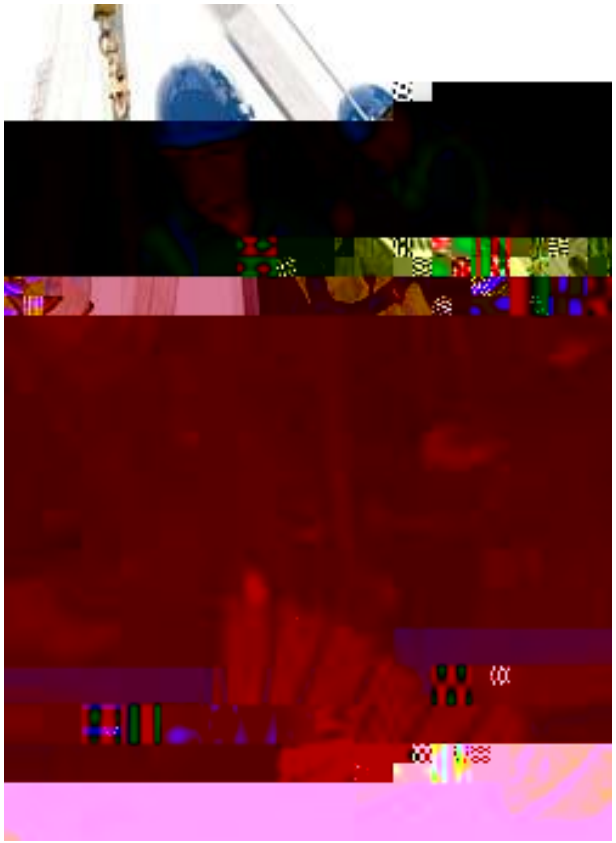
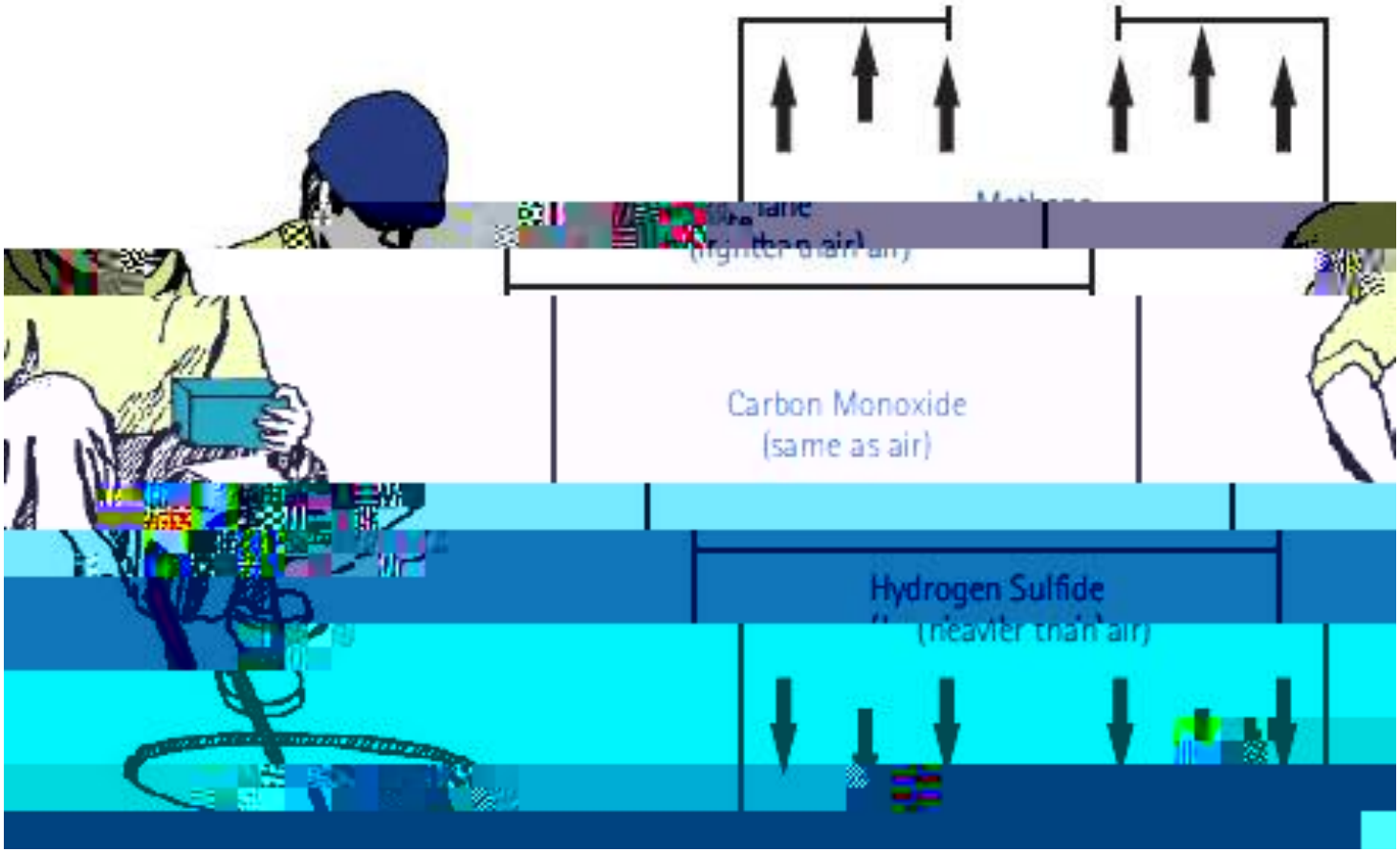
Permit-Required Confined Space Entry Procedure - examples

Test the Atmosphere



Confined Space Entry Equipment



Confined Space Entry Equipment

A confined space that does not contain or, with respect to atmospheric hazards, have the potential to contain any hazard capable of causing death or

Examples of Non-Permit Confined Spaces

So what does all this mean?

Entry

Pre- Entry Permit Completion

Pre-Entry Permit (cont.)

Permitted Confined Space Entry Permit

Duties: Entrant

Duties: Attendant

Duties: Attendant (cont.)

Duties: Supervisor

Questions

What happens after the entry is complete?

Entry Completion

Training

Review