

Welcome to: Specific hazards of Confined Spaces

Your Presenters: Francisco Martinez: IBT Worker Training Grants (CTTUF of SC)

Ricardo Lopez: IBT Worker Training Grants (WITATP)

In this lesson we will discuss the specific hazards workers face when working in confined spaces related to the hazardous waste industry.

Statistics:

1. 92 workers die yearly on average in confined spaces
2. # 1 killer is Asphyxia
3. Confined space standard for G.I. was issued in January 14,1993 (29CFR1910.146)
4. Confined space standard for Construction was issued May 4, 2015 (29CFRSubpart AA 1926.1200)

Objectives:

1. List the conditions that make a confined space
2. List the conditions that make a Permit Required Confined Space
3. Identify other non-traditional issues with Permit Required Confined Spaces
4. Introduce the Branching method in training
5. Demonstrate specific hazards found in Permit Required Confined Spaces

Specific Hazards of Confined Spaces

WELCOME

Presenters: Francisco Martinez IBT
Ricardo Lopez IBT

FUTURE OF THE HAZWOPER PROGRAM

Statistics

1. From '92 to '05 there were 530 deaths in Confined spaces.
2. About 60% of deaths are would be rescuers
3. Number one killer Asphyxia
4. Confined space standard for GI January 14, 1993
5. Confined Space standard for construction May 4, 2015

FUTURE OF THE HAZWOPER PROGRAM

Objectives

1. List the conditions that make a confined space
2. List the conditions that make a permit required confined space
3. Identify other non-traditional issues with confined spaces
4. Introduce Branching method in training
5. Demonstrate specific hazards found in permit required confined spaces

FUTURE OF THE HAZWOPER PROGRAM

What is a confined space?

1. Limited or restricted means of Entry or Exit
2. Not designed for continuous worker occupancy
3. Poor natural ventilation

FUTURE OF THE HAZWOPER PROGRAM

What makes a permit required confined space

1. Hazardous atmosphere
2. Moving machinery
3. Engulfment / entrapment
4. Heat
5. Electrical hazard
6. Noise

FUTURE OF THE HAZWOPER PROGRAM

Non-traditional issues

1. Lack of or no training
2. Lack of experience
3. Language other than English
4. Translator ability to communicate
5. Normalization of deviance

FUTURE OF THE HAZWOPER PROGRAM

Branching

The process of following the decisions of workers based on right or wrong practices (safe or unsafe) and their predictable outcome

See handout in folder

FUTURE OF THE HAZWOPER PROGRAM

HAMMER



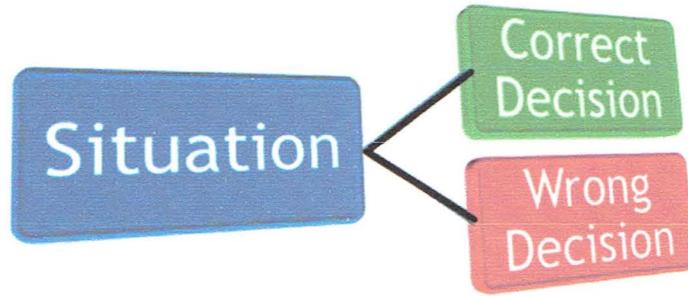
Teamster Branching Demo

2017 IBT IDP

Tony Jimenez



Confined Space - Spanish



Situation



~~HAMMER~~



Correct

Espacios
Confinados



~~HAMMER~~



Incorrect

Espacios
Confinados



In review

1. We were able to List the conditions that make a confined space
2. We were able to list the conditions that make a permit required confined space
3. We were able to list non-traditional issues with confined spaces
4. We introduced the Branching method in training
5. We were able to demonstrate specific hazards found in permit required confined spaces

Branching—what we need to know to move forward

