



Confined Space Identification and Risk Assessment

15 Dec 2023 / Alvina Herakles

Complete

Score	0 / 0 (0%)	Flagged items	12	Actions	1
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Client / Site

Main HQ - PVLV Inc.

Location

Los Angeles, CA, USA
(34.0549076, -118.242643)

Space

2453

Head of Department

Prateek Vavrinec

Conducted on

15.12.2023 11:20 PST

Prepared by

Alvina Herakles

Flagged items & Actions	12 flagged, 1 action
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Flagged items	12 flagged, 1 action
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Audit / CRITERIA	
Is the space intended to be, or is likely to be entered by any persons for any reason (e.g. maintenance, production or inspection)?	Yes

Audit / CRITERIA	
Does the space have limited or restricted means of entry and exit for personnel?	Yes

Audit / CRITERIA	
Is the space intended to be at normal atmosphere pressure while any person is in the space?	Yes

Audit / CRITERIA	
Is the space likely to contain or once contained: an atmosphere that a harmful level of any contaminant (e/g fumes, vapor, steam, gas or explosive gas)? or an atmosphere that does not have a safe oxygen level (e.g too low or too high)? or any stored substance that could cause engulfment (e.g sand, garnet, grit, blast, grain)?	Yes

Audit / CLASSIFICATION / RISK ASSESSMENT	
Entry: Is the space likely to or intended to be entered? (eg inspection of parts, maintenance requirements)	Yes

Audit / CLASSIFICATION / RISK ASSESSMENT	
Atmosphere: Is there a risk of the atmospheric pressure within the space changing to an unsafe level?	Yes

Depending on the activities above ground

To do | Priority: High | Due: 22.12.2023 12:18 PST | Created by: SafetyCulture Staff

Ensure that workers above ground are aware of those under

Audit / CLASSIFICATION / RISK ASSESSMENT	
Once inside the space, is there a risk of any harmful contaminant or process entering the space or being created from inside? (eg fumes, carbon monoxide or gas leak, pipes, ducts, sewers)	Yes

Audit / CLASSIFICATION / RISK ASSESSMENT	
Are any of the processes occurring inside or adjacent to the space likely to cause any oxygen deficiency?	Yes

Audit / CLASSIFICATION / RISK ASSESSMENT	
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Can any other substances be introduced into the space whilst being occupied? (eg water, oil or fuel)

Yes

Audit / CLASSIFICATION / RISK ASSESSMENT

Lighting: Could there be insufficient lighting?

Yes

Audit / CLASSIFICATION / RISK ASSESSMENT

Entanglement: Is there a risk of entanglement from moving parts and or plant within the space?

Yes

Audit / CLASSIFICATION / RISK ASSESSMENT

Personal Protective Equipment: Does the design, purpose or layout of the space require PPE irrespective of the work carried out inside the space?

Yes

Other actions

0 actions

Description of space

Purpose: repairing pipelines under main building

Space description: Muddy due to recent rains. Still solid, but can give in with too much force from above or from too much movement under.



Photo 1

CRITERIA

4 flagged

Confined Space Criterion - For the space to be confined, all points (1.1 to 1.4) must be answered with a yes.

<p>Is the space intended to be, or is likely to be entered by any persons for any reason (e.g. maintenance, production or inspection)?</p>	<p>Yes</p>
<p>Does the space have limited or restricted means of entry and exit for personnel?</p>	<p>Yes</p>
<p>Is the space intended to be at normal atmosphere pressure while any person is in the space?</p>	<p>Yes</p>
<p>Is the space likely to contain or once contained: an atmosphere that a harmful level of any contaminant (e/g fumes, vapor, steam, gas or explosive gas? or an atmosphere that does not have a safe oxygen level (e.g too low or too high)? or any stored substance that could cause engulfment (e.g sand, garnet, grit, blast, grain)?</p>	<p>Yes</p>

CLASSIFICATION

8 flagged, 1 action

Classify the space

CONFINED SPACE

RISK ASSESSMENT

8 flagged, 1 action

Entry: Is the space likely to or intended to be entered? (eg inspection of parts, maintenance requirements)

Yes

Atmosphere: Is there a risk of the atmospheric pressure within the space changing to an unsafe level?

Yes

Depending on the activities above ground

Ensure that workers above ground are aware of those under

Prior to entering the space, is there any risk of the atmosphere being unsafe? (eg fuel vapors, lack of oxygen due to decomposing material or explosive vapors)	No
Once inside the space, is there a risk of any harmful contaminant or process entering the space or being created from inside? (eg fumes, carbon monoxide or gas leak, pipes, ducts, sewers)	Yes
Are any of the processes occurring inside or adjacent to the space likely to cause any oxygen deficiency?	Yes
Can any other substances be introduced into the space whilst being occupied? (eg water, oil or fuel)	Yes
Lighting: Could there be insufficient lighting?	Yes
Are there any possible hazards associated with the lighting in the space? (eg an explosive atmosphere)	No
Electricity: Are any electrical hazards present?	No
Communication: Is continual communication between the personnel inside the space and the standby difficult?	No
Entanglement: Is there a risk of entanglement from moving parts and or plant within the space?	Yes
Personal Protective Equipment: Does the design, purpose or layout of the space require PPE irrespective of the work carried out inside the space?	Yes

EMERGENCY ASSESSMENT

Describe the features of the confined space
e.g. type of access, number access point, conditions inside the space

- Only two entry and exit points
- Muddy soil is an extra cause of concern as it can cause injury and disruptions
- Entry and exit points require help from outside

Description of emergency process to be taken in an emergency
e.g. will require emergency services – fire brigade, CFA, boom lift, mechanical ventilation etc

- In case of soil collapsing on workers:
- Workers above ground should call for help and emergency services
 - Workers above ground should prepare water and other first aid materials

- In case of exploding pipes:
- Workers above ground should turn off water supply

- Workers underground should not panic. Make sure to not drink it or stick too close to soil.

**Description emergency equipment required for the confined space entry
e.g. lifting equipment, torch, leather gloves**

- Lifting equipment
- Harnesses and ropes
- Lighting devices
- Gloves

ASSESSMENT TEAM

**Authorized person responsible for reviewing and implementing the risk assessment
including the identified controls
(Full Name and Signature)**

Prateek Vavrinec

List the names of the consultants

Consultant

Consultant 1

Full Name and Signature

Mi-Gyeong Nodira



Photo 2

Consultant 2

Full Name and Signature

Matilde Ulrikke



Photo 3

Consultant 3

Full Name and Signature

Yechi'el Fox

Yecheil Fox

Photo 4

Full Name and Signature of Inspector

Alvina Herakles

Alvina Herakles

Photo 5

Media summary



Photo 1

Mi-Gyeong Nodira

Photo 2

Matilde Ulrikke

Photo 3

Yechiel Fox

Photo 4

Alvina Herakles

Photo 5