



UST Designated Operator Inspection

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M-C₁

March 20, 2023



25th California Unified Program
Annual Training Conference

March 20 – 23, 2023

Conducting Designated Operator Inspections



Preparing for Inspection



Conducting the inspection



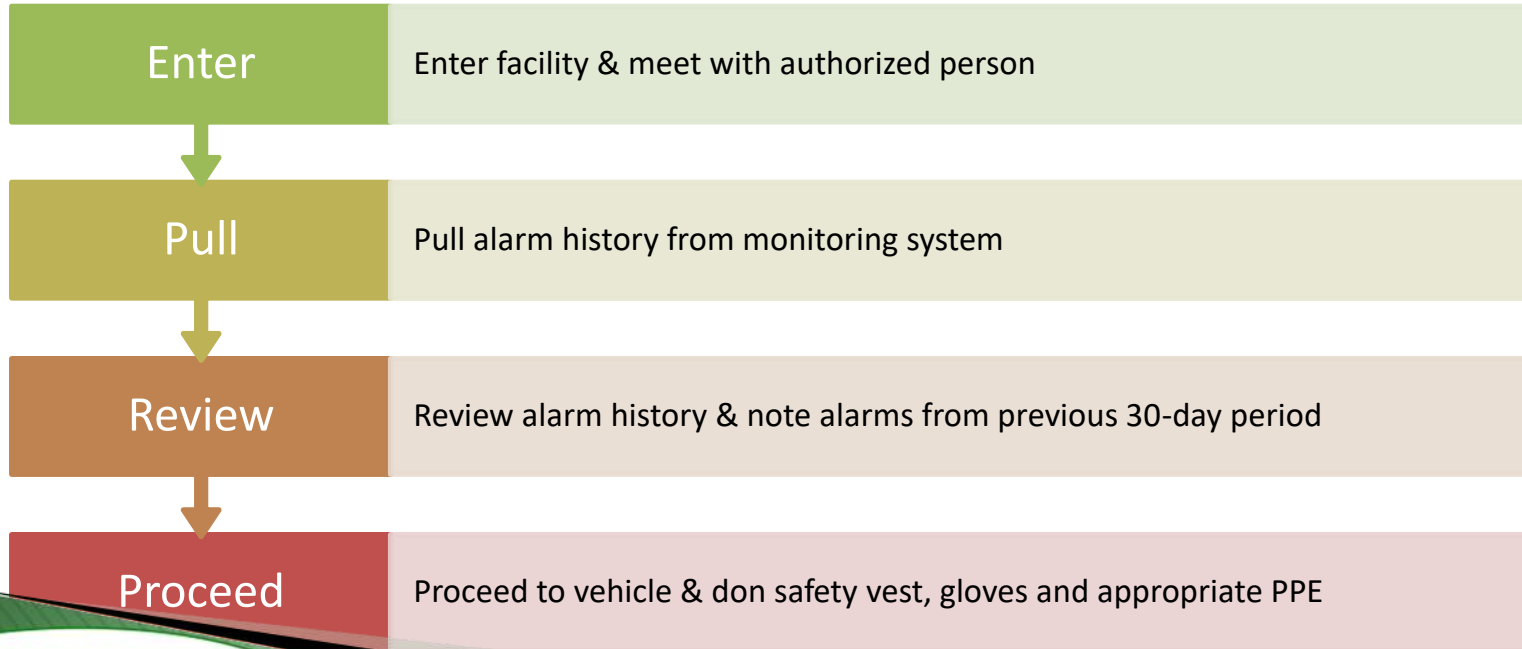
Completing Inspection Form



CERS & Binder Review



Preparing for DO Inspection



Obtain Alarm History



UST – Alarm Log & Response

Date	Time	TYPE OF ALARM	Date	Time	TYPE OF RESPONSE	Initials



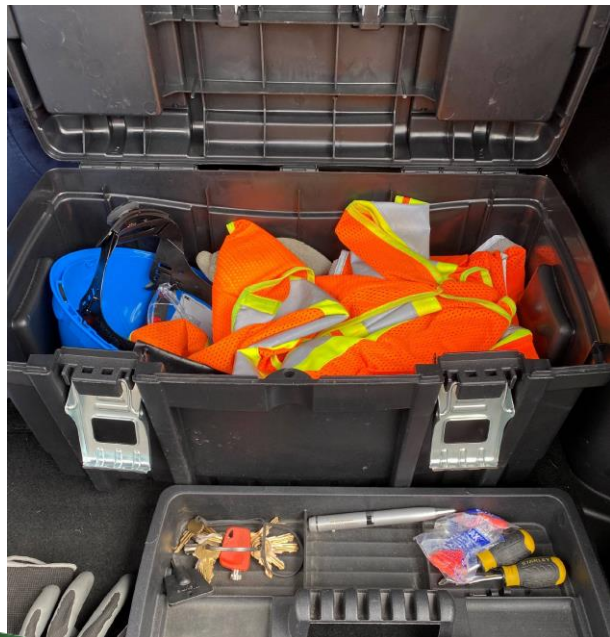
UST Compliance Binder

UST Compliance Binder

1	PERMIT TO OPERATE
2	FINANCIAL CERTIFICATION
3	CERS DOCUMENTATION
4	DESIGNATED OPERATOR NOTIFICATION FORM & STATEMENT OF COMPLIANCE
5	DESIGNATED OPERATOR ANNUAL TRAINING DOCUMENTATION
6	MONTHLY DESIGNATED OPERATOR REPORTS
7	MONITOR CERTIFICATION TEST REPORTS & OVERFILL TEST REPORTS
8	SECONDARY (SB989) TEST RESULTS
9	HMBEP (CERS) DOCUMENTATION
10	HAZARDOUS WASTE MANIFESTS & EPA ID EVQ SURVEY SUBMITTALS

Obtain Alarm History





Get Ready to Inspect – Safety First!



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Conducting DO Inspection; Spill Container

- If cones are available, set up around Spill Container
- Remove Spill Container cover
- Observe each Spill Container for liquid and/or debris
- Observe each for any damage
- Remove fill tube cap and observe for cracked or missing gasket
- Cap should fit tight
- Observe drop tube for any obstruction



Fill vs. Vapor Spill Container





Inspection: Under Dispenser Containment

- Secure with cones or vehicle in front of each dispenser.
- Open one side of dispenser
- Observe UDC for liquid, debris and/or damage
- Verify that sensor is properly placed at lowest spot & secured upright
- Sensors in sleeves should be verified that they are on the bottom of UDC
- If dispensers are larger than the UDC, diverters should be verified.

UDC Inspection



Sensor Check



Completing DO Inspection



Completing DO Inspection



Completing DO Inspection

- Additional items I check for customers upon request:
 - Hoses in good shape
 - Dispensers running when not in use.
 - AQMD requirements



Completing DO Inspection Form

- New Designated Operator Form – as of October 1, 2020.

Page 1

- Section 1- Facility information - Site location, CERS ID, Date
- Section 2 – DO information & ICC Certification
- Section 3 - Compliance issues
- Section 4 – DO Certification



Completing DO Inspection Form

Appendix XIII
Underground Storage Tank
Designated UST Operator Visual Inspection Report

1. FACILITY INFORMATION		
CERS ID 101000	Inspection Date 2/01/2021	
Facility Name Puepke's 66 Service		
Facility Address 1234 Avenida Paseo	City Rancho Santa Marg	ZIP Code 92688
2. DESIGNATED UST OPERATOR INFORMATION		
Name of Designated UST Operator Brenda Puepke	Phone (949) 529-4245	
ICC Certification 5248274	Certification Expiration Date 8/1/2022	
3. COMPLIANCE ISSUES		
1. 91 spill bucket has liquid and debris in it.		
4. CERTIFICATION BY DESIGNATED UST OPERATOR CONDUCTING INSPECTION		

I hereby certify that the visual inspection was performed in compliance with California Code of Regulations, title 23, division 3, chapter 16, section 2716 and all information provided herein is accurate.

Designated UST Operator Signature

Brenda Puepke

Date Inspection Report Provided to Owner

2/1/2021

CERS = California Environmental Reporting System, ICC = International Code Council, ID = Identification, NA = Not Applicable, UDC = Under-Dispenser Containment, UST = Underground Storage Tank



Completing DO Inspection Form

Page 2

- Section 5 – Owner/Operator Description of Follow-up action
- Section 6 – Owner/Operator Acknowledgment of Inspection Results
- Section 7 – Inspection History
- Section 8 – Release Detection Alarm History



Completing DO Inspection Form

Underground Storage Tank Designated UST Operator Visual Inspection Report

5. OWNER/OPERATOR DESCRIPTION OF FOLLOW-UP ACTION

Number the follow up actions to correspond to appropriate compliance issues from Section 3.

1. Liquid and debris removed by site employee during inspection. Liquid placed in liquid waste drum which is properly labeled.

6. OWNER / OPERATOR ACKNOWLEDGEMENT OF INSPECTION RESULTS

I have reviewed the results of the designated UST operator inspection report and provided a description of the action(s) taken or to be taken to correct any compliance issues discovered.

Name of UST Owner / Operator (print)

Rocky Jones

UST Owner/Operator Signature

Rocky Jones - manager

Date Signed

2/1/2021

7. INSPECTION HISTORY

Has each follow-up action of Section 3 from the previous Designated UST Operator Inspection Report been completed appropriately? <i>(Attach documentation verifying appropriate service to this report.)</i>	Yes	No	NA
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8. RELEASE DETECTION ALARM HISTORY

Attach a copy of the alarm history report/log to this report.	Yes	No	NA
Is the monitoring system powered on and in proper operating mode?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has each alarm since the previous inspection been responded to appropriately? <i>(Attach documentation verifying appropriate service to this report.)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have all containment sumps, that have had an alarm since the previous designated UST operator inspection report, been responded to by a qualified service technician?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

All answers marked "No" must be described by the designated UST operator in Section 3.



Completing DO Inspection Form

Page 3

- Section 9
 - Containment sump release information
 - Spill container ID
 - UDC and/or transition containment



Completing DO Inspection Form

9. UST SYSTEM INSPECTION					
<i>List below and in Section 3 all containment sumps that have had a release detection alarm since the previous Designated UST Operator Inspection Report and have not been responded to by a qualified service technician. Containment sumps listed below require a visual inspection for damage, water, debris, hazardous substance, and proper sensor location.</i>					
<i>Is the containment sump free of damage, water, debris, and hazardous substances?</i>					
Containment Sump ID	Yes	No	Containment Sump ID	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Are all sensors in visually inspected containment sumps located to detect a release at the earliest opportunity?					<input type="checkbox"/>
<i>Is the spill containment free of damage, water, debris, and hazardous substances? Is the fill pipe free of obstructions? Is fill cap securely on the fill pipe?</i>					
Spill Containment ID	Yes	No	Spill Containment ID	Yes	No
87 Unleaded	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
91 Unleaded	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<i>Is the UDC free of damage, water, debris, and hazardous substances and all sensors located to detect a release at the earliest opportunity? <input type="checkbox"/> No UDC(s) at this facility</i>					
UDC ID	Yes	No	UDC ID	Yes	No
1/2 UDC	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
3/4 UDC	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
5/6 UDC	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
7/8 UDC	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Vent Transition Sump	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Vapor Pot Sump	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Mechanical float mechanisms used in UDCs.					

All answers marked "No" must be described by the designated UST operator in Section 3.



Completing DO Inspection Form

Page 4

- Section 10 – Testing & Maintenance
- Section 11 – Facility Employee Training
- Section 12 – Comments



Completing DO Inspection Form

10. TESTING AND MAINTENANCE	Yes	No	NA	Date last performed	
Has monitoring system certification been completed within the past 12 months?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		12/1/2020	
Has spill container testing been completed within the past 12 months?	<input type="checkbox"/>	<input type="checkbox"/>		12/1/2020	
Has overfill prevention equipment inspection been completed within the past 36 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5/14/6019	
Has secondary containment testing been completed within the past 36 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11/13/18	
Has tank tightness testing been completed within required timeframes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Has line tightness testing been completed within the required timeframes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Other Test / Maintenance:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Other Test / Maintenance:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Other Test / Maintenance:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11. FACILITY EMPLOYEE TRAINING				Yes	No
Have all individuals performing facility employee duties received the required facility employee training within the past 12 months?				<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. COMMENTS					
<i>This section may be used to record comments or observations that are not current compliance deficiencies.</i>					
Last DO Training - 11/21/2020 Overfill Prevention testing due by October 2021.					

All answers marked "No" must be described by the designated UST operator in Section 3.



Completing DO Inspection

- Review Compliance binder for any outstanding issues.
- Discuss any outstanding items with Manager or Owner.
- Obtain required documentation related to all alarms.
- Get signature on page 2 of the DO Report.
- Place in Compliance Binder on site.



DO Training

- Provide training annually to designated employees.
- Designated employees are to be trained prior to taking on the required duties.
- Physical walk-thru of facility.
- Review of compliance binder.
- Discussion of employee's duties.



CER Review and Compliance Binder

- If requested by owner, review CERS information.
- Maintain current information in CERS
- Maintain site compliance binder for USTs, Hazardous Materials, Hazardous Wastes, APSA and AQMD Information.



Regulator Review of DO Program



UST D.O. Program Requirements

UST Designated Operator Program Requirements are found in 23 CCR 2715-2716.

This presentation demonstrates how one UPA reviews and evaluates while onsite.

Thank you for joining us!



Why a UST Designated Operator?

- California requires it in 2715.
- What's required for a UST DO Inspection?
 - 23 CCR 2716. Designated UST Operator Visual Inspection



Where can we tell who this is?

- CERS!
- CERS shall have a UST DO Statement that lists the name of the ICC Certified California UST Designated Operator (yes, it must be a California ICC-certified professional).



Pre-inspection CERS Review

Jot down who the listed UST DO is.

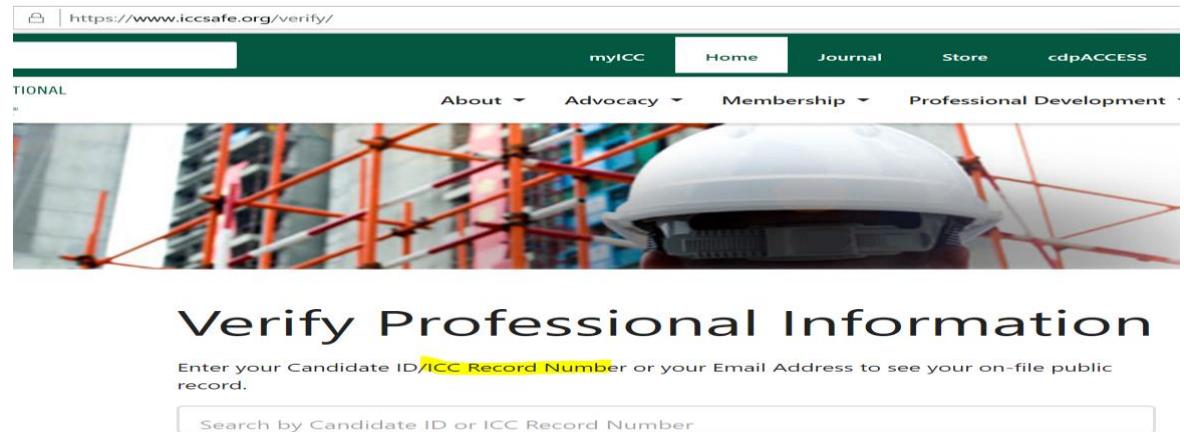
Good time to look up the UST DO license to see that it is current and active.

Pandemic impacts related to license lapses.



All ICC Certifications can be looked up online – By number:

<https://www.iccsafe.org/verify/>



The screenshot shows the website <https://www.iccsafe.org/verify/>. The page features a green navigation bar with links for myICC, Home, Journal, Store, and cdpACCESS. Below the navigation bar, there are dropdown menus for About, Advocacy, Membership, and Professional Development. The main content area has a header image of a white hard hat in front of a construction site with orange scaffolding. The main heading is "Verify Professional Information". Below this, there is a text prompt: "Enter your Candidate ID/ICC Record Number or your Email Address to see your on-file public record." A search input field is provided with the placeholder text "Search by Candidate ID or ICC Record Number".



Or by Name

<https://www.iccsafe.org/search-for-certified-professionals/>

First Name:

Last Name:

City:

State:

Certification Type:

Search

Reset

Global Services



CERS Pre-Inspection

Document all of the test dates based upon your file review.

- Make note of things like VPH, Single-walled, Double-walled system, suction, positive shut down, etc.
- SB989, Annual M/C date, spill container and Overfill Inspection dates.
- Did they all pass? Anything outstanding?

Anything you identify as outstanding should have also been identified in the monthly D.O. inspection.



Now you are onsite!

What I normally do:

After initial inspection duties, I will identify a good document review time.

Normally, that is the point when the tech is setting up for LLD testing.

- Sunhat
- Glasses
- Gloves
- Electronic device for notes.



Document Review – 2023 style

I enter the station or office to review records or review outdoors as many techs are accustomed to bringing them outside.

Right after permission for inspection, I ask for the UST records to be made available with the station personnel.

Usually a binder, but sometime a computer station in the managers office.



Basics of Document Review

Monthly Designated Operator inspection shall reflect onsite conditions when they inspected.

Each report shall have alarm history for the date of inspection. The date is printed either at top or bottom and should never be cut off/removed.

No alarm history? - Discuss



Inspection Report Format

Must use SWRCB inspection report as it is in the appendix of 23CCR Chapter 16.

Cannot be altered/changed, shrunken, redacted, etc... you get the idea!



Scenarios for discussion

- ELD Test Results? Where should they be maintained?
 - Accessible and available for inspection for the LIFE of the tank(s).
- Single-walled systems? How are they identifying that in DO Reports?
- The UST DO should be evaluating each site independently for compliance.
- Who is legally responsible if the UST DO is not properly documenting or completing the report?
 - **UST Owner/Operator is responsible.**



Scenarios for discussion

- Abandoned /Temp Closed/Bank-Owned Tanks–
 - Do they still have to DO?
 - Do they have to CERS?
 - Does BOE/CDTFA MFAN number still apply?





Any Questions?

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