



# **Cargo Tank Data Management System (CT DMS)**

November 12, 2024

# Agenda

1. Background of the Cargo Tank Vapor Recovery Program
2. Overview of the Cargo Tank Data Management System (CT DMS)
3. User Roles within the CT DMS with a Poll for Attendees
4. Demonstration of Certification Process in CT DMS
5. Enforcement Overview
6. Question and Answer Session

# Cargo Tank Vapor Recovery Program



## Certification

- The certification team is responsible for administering the certification process. This team will review applications and issue certifications and decals when appropriate.
- Alfonso Arambula - Citations and Hotline Section Manager



## Enforcement

- The enforcement team is responsible for performing compliance checks by witnessing annual certification testing, perform visual inspections, and perform pressure tests to verify cargo tank compliance.
- Tony Zeng - Equipment Registration Section Manager

# Cargo Tank Vapor Recovery Program (CTVRP)

The CTVRP requires any cargo tank that operates in California to be certified annually for vapor tightness. CTVRP oversees the certification process that requires:

1. Submittal of a 48-hour test notification.
2. Completion of the annual test procedures, T.P. 204.
3. Submittal of passing test results.
4. Submittal of a certification application and fee.





# Cargo Tank Data Management System (CT DMS)

## Goal:

The purpose of this webinar is to provide a demonstration of the new Cargo Tank Data Management System (CT DMS).

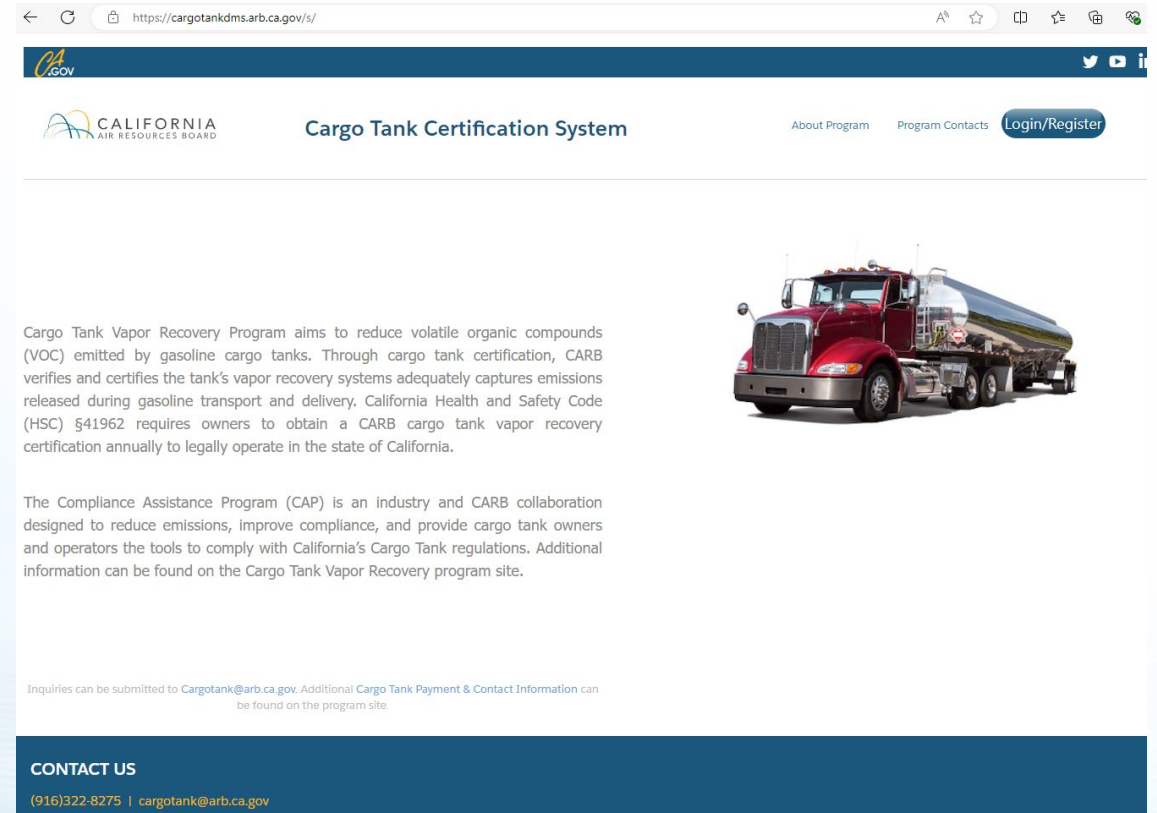
- CT DMS addresses issues with the legacy system including: security concerns, limited data collection, and inefficiencies with certification process.
- July 1, 2024 - CARB deployed the new CT DMS and a User Guide.
- The CT DMS offers features, such as:
  - Enhanced security
  - 48-hr notification process
  - Fee invoicing
  - In system payment portal
  - Ad Hoc Reporting
  - Complete visible cargo tank history.

# Roles in CT DMS

- Owner Operator (OO):
  - Can submit 48-hour notifications
  - Apply for Certification
  - Pay Certification fee
- Tester:
  - Can submit 48-hour notifications
  - Submit Test Results
- Owner Operator and Tester:
  - Has access to all actions OO and Tester role can perform.
- Terminal Operator:
  - Certification Status Check

# How to Access the CT DMS

- Now I will walk you through how to:
  - Create an Account
  - Complete the Certification Process
- Please Visit <https://cargotankdms.arb.ca.gov/s/>



Please put any information such as a gate code that might be needed for a CARB Inspector to enter the facility in the "Location Notes/Gate-Code" Box. If a CARB Inspector arrives at a closed gate and can not access the testing location, can not reach anyone, then the certification *can be cancelled*.

### Test Information

\* Date Of Test

\* Time

\* City

\* State

--None--

Location Notes/Gate-Code

Please list any information needed to enter or find the test location (Gate code, Security contact & phone number, details to enter the test location, or where/how to find the testing location)

### Test Company Information

\* Test Company

Search...

\* Test Company Contact First Name

\* Test Company Contact Last Name



# Annual Certification Witnessed by a CARB Inspector

- Test Results are instantly submitted into CT DMS by the Inspector
- CT Data Plate Information is Verified by CARB
  - The correct information gets printed on the Certification\*
  - No issues at loading facilities

**Cargo Tank Witnessing**

Surveillance <input type="checkbox"/>	Was Tester on site when you arrived? <input checked="" type="checkbox"/>	Truck Present when you arrived? <input checked="" type="checkbox"/>
Grounding Strap connected? <input checked="" type="checkbox"/>	Vapor hoses connected? <input checked="" type="checkbox"/>	Dome covers opened & closed? <input checked="" type="checkbox"/>
Manometer equalized/zero balance? <input checked="" type="checkbox"/>	CT number on CT? <input checked="" type="checkbox"/>	Does the Tester have a copy of TP-204.1? <input checked="" type="checkbox"/>
Is the cargo tank in the shade? <input checked="" type="checkbox"/>	Was the cargo tank degassed? <input checked="" type="checkbox"/>	Additional notes on back of this form? <input checked="" type="checkbox"/>
% shade? 100.00	Degassed how? Last Load Diesel	Where & How 1st Tank Mount, Stamped
*Witness Date Oct 25, 2024	*Time Arrived 3:30 AM	*Time Departed

**Cargo Tank Owner / Operator**

Cargo Tank [Redacted]	Current Decal # [Redacted]	Expiration Date Nov 30, 2024
Company Name [Redacted]	Serial # [Redacted]	Vin # [Redacted]
Internal Mechanism Type Pneumatic	Mitigating Device Butterfly	Manufacturer Beall Trailers
Date Of Manufacture Mar 18, 1997	Design DOT 406	Tank Type Bobtail
Unit/Equip. # T-351	License # 5V99966	Compartments 4
Tank Capacity 4500	Compartment 1 Capacity 1000	Compartment 2 Capacity 1000
	Compartment 3 Capacity 1000	Compartment 4 Capacity 1500
	Compartment 5 Capacity	Compartment 6 Capacity

**Tester Information**

Test Company [Redacted]	Telephone [Redacted]	Test Address [Redacted]
City [Redacted]	State California	Zip [Redacted]
FMCSA CT [Redacted]	Inspector Flag <input type="checkbox"/>	*Test Start Time 3:45 AM
Cancel 48hr Notification? <input type="checkbox"/>	Not all results observed <input type="checkbox"/>	

**Test Results**

Pressure Change 0.10	Vacuum Change 0.20	Internal Vapor Valve Pressure Change 0.20
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Next

# Benefits of CT DMS to Drivers at Loading Facilities:



- No longer asking drivers to verify CARB Certification
- CARB Inspectors will be able to correct any missing or inaccurate information in CT DMS while inspecting Cargo Tanks
- CT DMS records any Pressure Tests and all Cargo Tank history preventing unnecessary replication

# Compliance Assistance Program



## **Collaboration:**

Industry and CARB working together promotes public health in communities most impacted by air pollution.



## **Compliance Tools:**

Provides industry with tools and practical training on how to protect their business by preventing the release of gasoline vapors into the atmosphere. It also offers the knowledge and skills needed to improve and maintain compliance within a cargo tank fleet, ultimately increasing the program's overall statewide compliance rate.



## **Training Classes:**

- TP-204.2 Testing Cargo Tanks at Loading Facilities



## **No Cost:**

Online training class is free to attend. Cargo Tank Owner/Operators are responsible for obtaining testing equipment such as vapor caps, gauges and nitrogen gas.



# Question and Answer

