



Advanced Clean Fleets High-Priority Fleet Workgroup

October 13, 2021

Today's Agenda

- Background
- Regulation Overview
- Open Discussion

Background

- September 2021 workshop discussed regulatory language and costs
- Stakeholders desire focused workgroups
- Today, we continue the dialogue for High-Priority fleets
- Series of upcoming workgroup meetings will cover:
 - Small fleets
 - Emissions inventory
 - Infrastructure (multiple meetings)

Regulation Timeline

- Regulation language posted August 25, 2021
- Comment period extended to October 29, 2021
 - Meeting materials posted on “Meetings and Events” page on CARB’s ACF webpage
 - [Informal comment docket](https://www.arb.ca.gov/lispub/comm2/bcsubform.php?listname=acf-comments-ws&comm_period=1)
(https://www.arb.ca.gov/lispub/comm2/bcsubform.php?listname=acf-comments-ws&comm_period=1)
- Board recommendation late summer/fall 2022

[Meetings and Events Page](https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-meetings-events) (<https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-meetings-events>)

Scope and Applicability

- Scope includes entities that:
 - Own or dispatch 50 or more vehicles under common ownership or control
 - Earned >\$50 million gross annual revenue with at least 1 vehicle
 - Are federal government fleets
 - Hired affected fleets
 - Subsidiaries or fleet combinations totaling 50 or more trucks

Exempt from Regulation

- School buses
 - Military tactical vehicles
 - Vehicles awaiting sale
 - Emergency vehicles (CVC 165)
 - Transit vehicles subject to Innovative Clean Transit regulation
 - Dedicated snow removal vehicles
 - Vehicles subject to Mobile Cargo
- Handling Equipment regulation
 - Historical vehicles
 - On-road vehicles subject to In-Use Off-Road Regulation
 - Two-engine trucks and workover rigs
 - Heavy cranes






ZEV Phase-in Schedule

- Milestones phased-in by vehicle types
- Flexibility to meet percentage requirements with any vehicle type
- NZEVs treated the same as ZEVs until 2035

Zero-Emission Fleet Percentage	10%	25%	50%	75%	100%
Box trucks, vans, two-axle buses, yard trucks	2025	2028	2031	2033	2035
Work trucks, day cab tractors, three-axle buses	2027	2030	2033	2036	2039
Sleeper cab tractors and specialty vehicles	2030	2033	2036	2039	2042

Mixed Fleet ZEV Phase-In

Vehicle Type	# of Vehicles	ZEVs in 2025	ZEVs in 2029	ZEVs in 2033	ZEVs in 2037	ZEVs in 2041	ZEVs in 2045
Box trucks, vans, two-axle buses, yard trucks 	60	6	15	45	60	60	60
Work trucks, day cab tractors, three-axle buses 	20	0	2	10	15	20	20
Sleeper cab tractors and specialty vehicles 	20	0	0	5	10	15	20
ZEV Milestones	100	6	17	60	85	95	100

Alternative Compliance Pathway

- A fleet which does not meet the ZEV milestones still complies if every vehicle which is not a ZEV or NZEV:
 - Was owned by the fleet prior to January 1, 2024 and is still within its minimum useful life, or
 - Has been granted an exemption

Compliance Verification and Recognition

- Motor carriers, brokers, and other California persons or parties may only hire compliant fleets
- Compliant fleets to be listed online
 - Fleets can print own certificate
- ZEV fleet recognition for any fleet that meets all the following:
 - Has at least one ZEV
 - ZEVs are 5 percent or more of the fleet
 - Fleet meets the applicable ZEV milestones
 - Fleet owner meets reporting and record keeping requirement

Non-Compliant Fleet Requirements

- Fleets who fail to meet the ZEV milestones or the alternative compliance pathway are subject to additional requirements
 - All vehicles added to the fleet that don't qualify for an exemption must be ZEVs
 - All vehicles which are not ZEVs which have exceeded their minimum useful life must be removed from the fleet immediately

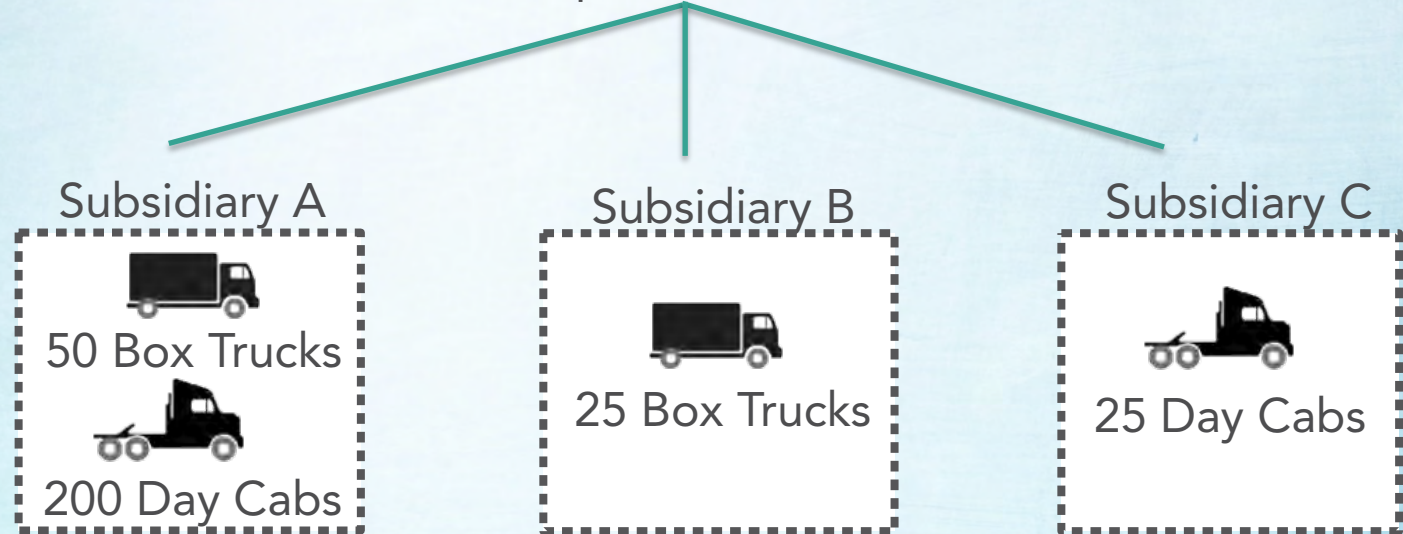
Combination Fleet Compliance

- Corporate joint compliance
 - Subsidiaries, parent companies, joint ventures may comply independently or jointly
- Controlling party compliance
 - A controlling party must include all fleets it directs under common ownership and control as part of their own fleet

Joint Compliance Example



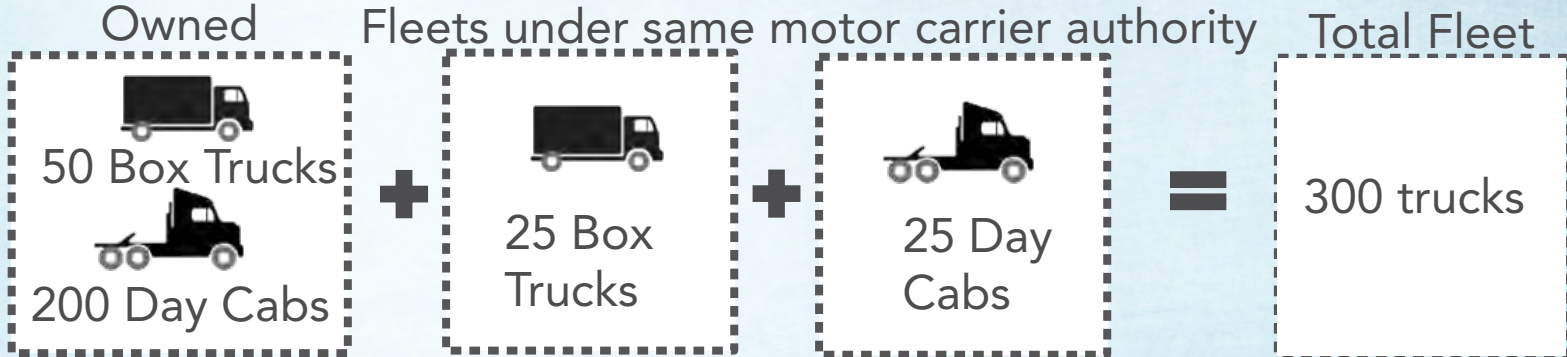
Corporate Parent



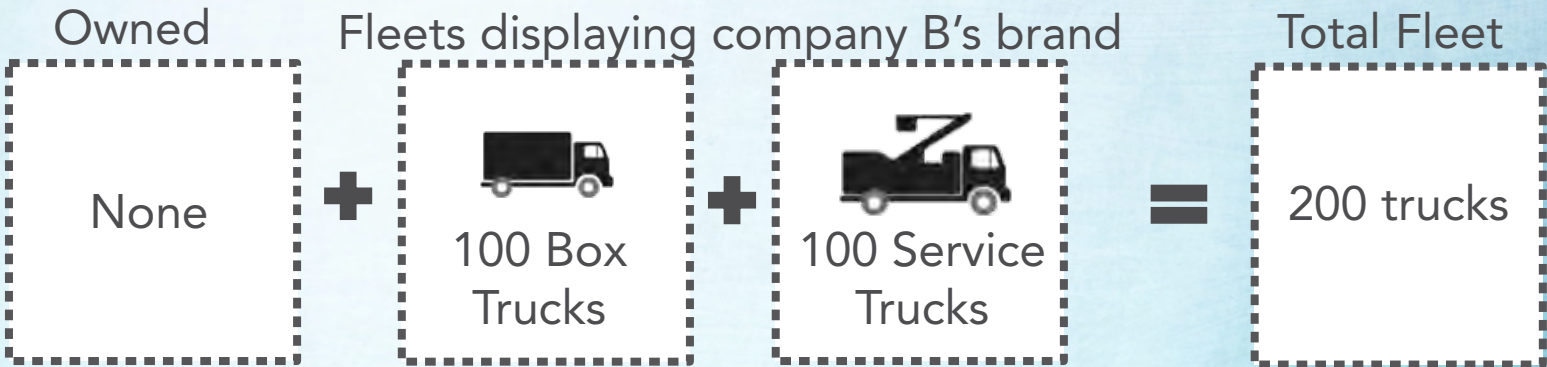
Controlling Party Compliance Examples



Company A



Company B



Common Ownership or Control

- Common ownership definition currently is tied to day-to-day control over vehicles in the fleet, such as:
 - Using the same motor carrier number
 - Displaying the same name or logo
 - Contractors who represent the same company
- Does not include or address:
 - Brokers dispatching loads on ad-hoc or limited term basis
 - Load-board operations

High Priority and Federal Fleet Reporting

- Report compliance annually by March 1
 - Within 30 days of adding vehicles to the fleet
- General entity information
- Vehicle information
 - VIN, make, model, model year, weight class, body type
 - Fuel and drivetrain type
 - For tractors which are 12 years or older
 - Odometer reading, engine family, and engine model year
- Records to be provided upon request
 - Registration, vehicle information, odometer readings, etc.

Backup Vehicle Exemption

- Allows backup vehicles to be excluded from milestone calculations
 - Does not apply to yard tractors
- Cannot exceed 1,000 miles per year
- Report odometer reading and miles annually to claim exemption

Daily Mileage Exemption

- If available ZEVs do not meet fleet's daily mileage needs
 - Must have 10% ZEVs in the fleet
 - Must show no NZEVs are available
 - Must show available ZEVs cannot meet daily mileage needs of any combustion powered vehicle in the fleet of that type
- Submit 30 days mileage data for each vehicle of the type requested
 - Demonstrate 3 out of 30 days needs cannot be met with ZEV
- Submit data showing no ZEV infrastructure available along routes
- Allows combustion-powered purchase instead of ZEV

Emergency Response Exemption

- Applies to electricity, natural gas, water, wastewater services
- Addresses situations where fleets respond to emergencies
- Exemptions limited to 25% of total fleet
- Demonstrate:
 - >75% of body type must be ZEVs already
 - No infrastructure or mobile fueling options available
 - NZEVs not available
 - Why more ZEVs will limit ability to provide emergency service

Additional Information

- View or submit comments
- Meeting materials
- Future meetings

The screenshot shows the California Air Resources Board (CARB) website. The header includes the CARB logo, navigation links (Calendar, Help & FAQs, Contact, Careers, English, Español), and a search bar. The main content area is titled "Advanced Clean Fleets - Meetings & Events" and features a table of upcoming events.

Date	Description	Agenda & Materials
October 6, 2021	Virtual Workgroup to Discuss the Public Fleet Requirements of the Advanced Clean Fleets Regulation Workgroup meeting to discuss the public fleet requirements of the proposed Advanced Clean Fleets (ACF) regulation. This meeting will continue the discussion on topics raised by public fleet stakeholders during the September 9, 2021 workshop. Workgroup meetings focused on other topics are being planned. This meeting will take place on Zoom.	Workgroup Bulletin
September 9, 2021	Public Workshop on Draft Regulatory Language and Updated Cost Assumptions for the Advanced Clean Fleets Regulation Workshop to discuss the initial draft ACF rulemaking language and updated cost assumptions. The workshop will include two primary topics:	Workshop Bulletin Staff Presentation Draft Cost Discussion Document Draft Regulation Language:

[Advanced Clean Fleets Program Page](https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/): <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/>