

Air Quality Update

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CARB'S ADVANCED CLEAN FLEETS REGULATION

The California Air Resources Board (CARB) approved the Advanced Clean Fleets (ACF) regulation on April 28, 2023, which will require the transition to Zero-Emission Vehicles (ZEVs). The regulation is anticipated to become law in 2023, and requirements begin as early as January 1, 2024. The ACF regulation applies to vehicles of all fuel types with gross vehicle weight ratings (GVWRs) over 8,500 pounds.

High-Priority and Federal (HPF)

HPF applies to all federal fleets with at least one applicable vehicle and to private fleets that meet the "high-priority" threshold in one of the following two ways, when considering all companies under common ownership: 1) annual gross revenue of \$50 million or more with at least one vehicle, or 2) own or direct 50 or more vehicles in California, regardless of revenue. The default compliance schedule requires that vehicle acquisitions starting January 1, 2024, must be ZEVs. Beginning January 1, 2025, existing vehicles have a compliance phase-out when they reach their minimum useful life (MUL).

As an alternative to the MUL phase-out, the fleet can choose the Zero-Emission Milestone (ZEM) Option, which allows fuel-based vehicle purchases at any time, so long as the fleet fulfills the ZEMs shown in Table 1. There are three milestone groups (MGs). MG1 includes box trucks, vans, two-axle buses, yard tractors, and light-duty package delivery vehicles. MG2 includes work trucks, day cab tractors, and three-axle buses. MG3 includes sleeper cap tractors and specialty vehicles.

Table 1: Zero-Emission MG and ZEV Purchase Schedules

MG	Percent Fleet Purchased				
	10%	25%	50%	75%	100%
1	2025	2028	2031	2033	2035+
2	2027	2030	2033	2036	2039+
3	2030	2033	2036	2039	2042+

State and Local Government Agency (SLGA)

Under ACF regulation, public fleets have two compliance options. Fleets can follow the SLGA purchase compliance schedule of 50% ZEV purchases from January 1, 2024, through December 31, 2026, and 100% ZEV purchases starting January 1, 2027. Alternatively, public fleets can opt into the ZEM Option defined in the ACF HPF regulation as previously described in this article.

Drayage

Starting January 1, 2024, any newly registered drayage vehicle must be a ZEV. Legacy trucks registered by December 31, 2023, will phase out when they reach the MUL or January 1, 2035, whichever occurs first. Legacy trucks must visit a port or intermodal railyard at least once annually and must report annual odometer readings to track MUL status.

There are exemptions and extensions that vary for each type of fleet. Some exemption categories include backup vehicles (1,000 miles per year), annual 5-day pass, mutual aid assistance, and fuel-based vehicle purchases for ZEV unavailability or when ZEVs do not meet daily operational needs, ZEV infrastructure delay, and ZEV delivery delay.

Manufacturers

Manufacturers must meet a 100% zero-emission sales requirement starting January 1, 2036.

For more information, please visit CARB's website at:

<https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>

Air Quality Tip

Amendments to the In-Use Off-Road Diesel-Fueled Fleets regulation were finalized on August 18th and have an implementation date of January 1, 2024. For more information, visit:

<https://ww2.arb.ca.gov/our-work/programs/use-road-diesel-fueled-fleets-regulation>

Upcoming EH&S Training Offered by Yorke Engineering

- Northern California Air Quality Regulations, Permitting, and Compliance Seminar: November 7, 8, 14, 15, 16, 2023 (3-Hour Online Sessions)
- California Multi-Media Environmental Regulations: Permitting, Compliance, and Reporting Seminar: October 17 – October 18, 2023 (Available Online or In-Person in Anaheim, CA)
Class Info at: <http://yorkeengr.com/classes>

Upcoming Due Dates for 2023/2024*

- CARB LCFS Q2 Fuel Report 9/30/23
- CARB GHG Cap-and-Trade Annual Compliance Surrender 11/1/23
- CARB Clean Truck Check Report .. 12/31/23
- CARB LCFS Q3 Fuel Report 12/31/23
- CARB Off-Road Diesel Compliance by Fleet Average or BACT (All Fleets) .. 1/1/24
- CARB Off-Road Diesel Tier 0 Phase-Outs for Large Fleets 1/1/24
- CARB On-Road TRUCRS Reporting for Flexibility Options... 1/31/24
- CARB Off-Road DOORS Reporting for All Fleets 3/1/24
- CARB PERP Reporting: Equip. Units and Low-Use Engines..... 3/1/24
- CARB Refrigerant Reporting for Medium/Large Systems (≥ 200 lbs) . 3/1/24
- CARB GHG Semiconductor Report .3/1/24
- Semi-Annual Title V Report...Semi-Annually
- Annual Title V Compliance Certification Annually
- Title V – Application for Permit Renewal – Due 180 Days Prior to Permit Expiration

**Due dates listed are statutory dates; sometimes dates are extended when on a weekend/holiday.*