

Air Quality Update

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August 20, 2020 – BAAQMD

ADVANCED CLEAN TRUCKS REGULATION

The “Advanced Clean Trucks Regulation,” or ACT Regulation, was adopted by the California Air Resources Board (CARB) on June 25, 2020. The new regulation requires truck manufacturers in California to transition from selling on-road diesel trucks and vans greater than 8,500 pounds (lbs) gross vehicle weight rating (GVWR) (Class 2b through Class 8), to selling electric zero-emission trucks and vans beginning in 2024. The goal is for new trucks and vans sold in California to be zero-emissions by 2045.

The new regulation includes a one-time Large Entity Reporting requirement for entities that meet any of the following:

- Any business in California with more than \$50 million in gross annual revenue in 2019; or
- Large fleets in California with 50 or more vehicles with GVWR greater than 8,500 lbs in 2019; or
- Brokers in California that dispatched 50 or more vehicles with GVWR greater than 8,500 lbs in 2019; or
- Any California or federal government agency in California with one or more vehicles with GVWR greater than 8,500 lbs in 2019.

The Large Entity Reporting requirement includes submitting a one-time survey for the fleet on any day of the entity’s choosing after January 1, 2019. The survey must be submitted online through CARB’s Advanced Clean Trucks webpage by April 1, 2021. Information to be reported includes general entity information, contact person information, vehicle usage information by facility, vehicle home base information, and vehicle operating

characteristics. There are exemptions from this reporting requirement for school bus fleets, transit agencies subject to the Innovative Clean Transit regulation, light-duty vehicles dispatched but not owned by transportation network companies, military tactical vehicle fleets, and emergency vehicles.

HEAVY-DUTY VEHICLE FUNDING OPPORTUNITIES

Several incentive programs are available for purchasing new heavy-duty vehicles. The requirements and funding availability are different for each program, and additional information can be found at the links provided below.

The **Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)** provides funding for cleaner, more efficient trucks and buses beginning in late 2020.

<https://www.californiahvip.org>

The **Volkswagen Environmental Mitigation Trust for California** has funding for buses, freight and drayage trucks, freight and marine projects, and zero-emission vehicle infrastructure beginning in the third quarter of 2020.

<https://ww2.arb.ca.gov/our-work/programs/volkswagen-environmental-mitigation-trust-california>

Carl Moyer Program grants are available through local air districts for heavy-duty on- and off-road equipment.

<https://ww2.arb.ca.gov/our-work/programs/carl-moyer-program-state-reserve>

The **Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program** provides funding through local air districts for agricultural equipment.

<https://ww2.arb.ca.gov/our-work/programs/farmer-program>

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Air Quality Tip

Assembly Bill (AB) 617 emissions inventories have begun to be reported to CARB. Ensure that your facility’s emissions quantification is not utilizing over-estimating emission factors, but facility-permitted emission limits, source test data, or manufacturer’s data, as available. For more information, visit CARB’s website at:

<https://ww2.arb.ca.gov/our-work/programs/criteria-and-toxics-reporting/about>

Upcoming Online EH&S Training Offered by Yorke Engineering – Each Session Is Presented Over 4 Half-Days

- Bay Area Air Quality Regulations, Permitting, and Compliance Seminar: Nov. 4, 5, 11, 12, 2020
- California Multi-Media Environmental Regulations: Permitting, Compliance, and Reporting Seminar:
Session 1 – Sept. 29, 30, Oct. 6, 7, 2020
Session 2 – Oct. 26, 27, Nov. 2, 3, 2020
Class Info at: <http://yorkeengr.com/classes>

Upcoming Due Dates for 2020/2021*

- CARB GHG Cap-and-Trade Annual Compliance Surrender 11/1/20
- CARB Off-Road Diesel Compliance for All Fleets, by Fleet Target or BACT 1/1/21
- CARB On-Road HDDVs Must Be Repowered, Retired, or Low-Use..... 1/1/21
 - If > 26,000 GVWR, EMY 2004 or Older
 - If < 26,000 GVWR, EMY 2006 or Older
- CARB On-Road TRUCRS Reporting for Flexibility Options... 1/31/21
- CARB Off-Road DOORS Reporting for All Fleets 3/1/21
- CARB PERP Reporting: Equipment Unit Throughput, Low-Use Hours ... 3/1/21
- CARB Refrigerant Reporting for Med./Lrg. Systems (≥ 200 lbs)..... 3/1/21
- CARB GHG Reporting for Semiconductor Operations 3/1/21
- Semi-Annual Title V Report...Semi-Annually
- Annual Title V Compliance Cert... 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.*

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The **Bay Area Air Quality Management District (BAAQMD)** has a variety of funding opportunities available, including electric vehicles, heavy-duty trucks, and off-road equipment.

<https://www.baaqmd.gov/funding-and-incentives>

BAAQMD TEMPORARY PROCESS CHANGES

Permit Applications: New Equipment and Modifications

During the Bay Area's emergency Shelter-in-Place Order (the Order), the BAAQMD will continue to process permit applications submitted via e-mail to Permits@BAAQMD.gov (file sizes ≤ 35 MB). If larger files are involved or there are other special circumstances, call the Permitting Department at (415) 749-4990.

Permit Renewals: Invoices and Documents

The District will continue to mail permit renewal invoices during the Order; however, service may be slower than normal. The BAAQMD will waive late and delinquent fees as a result of this slowdown in service caused by the Order. If you incurred late fees prior to March 15th, those late fees are valid and will not be waived. If you recently paid to renew your Permit to Operate or Certificate of Registration, it may take the District additional time to mail you these documents. In the interim, your current permit will be considered in good standing, even if the expiration date has passed.

For more information, please visit: <https://www.baaqmd.gov/permits/shelter-in-place-instructions>

SUSPENSION OF RULE DEVELOPMENT FOR ORGANIC MATERIAL RECOVERY RULES

On April 27, 2020, the BAAQMD

announced the suspension of the formal rule development process for two rules targeting organic recovery operations:

- Draft Rule 13-2: Organic Material Handling Operations; and
- Draft Rule 13-3: Composting Operations.

In a written statement, the District expressed concern regarding the rule-making at this time and potential impacts "...on the economy and our ability to fully engage with our external stakeholders, including affected industry, community representatives, and others."



While the formal rule development process (public workshops, request for comment, and public hearings on draft regulatory language) has been placed on hold, the BAAQMD will continue stakeholder engagement to the extent feasible through the formation of an Organic Recovery Technical Working Group, to be composed of District staff members, representatives from this industrial sector (e.g., organic material handling facilities and industrial composting operations), industry associations, technical experts, non-govern-

mental organizations, other governmental agencies [e.g., California Department of Resources Recycling and Recovery (CalRecycle) and local enforcement agencies], and community representatives and advocates.

Information regarding how to participate in the Organic Recovery Technical Working Group will be communicated in the future. For more information, contact Robert Cave, Office of Rules and Strategic Policy, at RCave@BAAQMD.gov.

DIESEL FREE BY '33

In July and August 2020, the District has been hosting a series of webinars titled "Diesel Free by '33." In the workshops, the BAAQMD and CARB will provide overviews of non-diesel technology alternatives for heavy-duty equipment. The webinar topics presented thus far include:

- Backup Generators,
- Funding to Replace Diesel; and
- Technology Alternatives.

On September 9th, the series will continue with a webinar titled, "Why Replacing Diesel Is a Public Health Priority." Watch/listen to the Zoom presentations of the webinars at:

<https://www.baaqmd.gov/news-and-events/workshops>



Yorke Engineering, LLC specializes in air quality and environmental consulting for stationary and mobile sources, including dispersion modeling, health risk assessments, permitting, emission inventories, air quality compliance systems, etc. Yorke Engineering has assisted over 1,150 customers, including a wide variety of industrial facilities and government organizations throughout California.