



Compliance Assistance

ADVISORY

SUBJECT: Portable Engine Airborne Toxic Control Measure

Advisory #19-4

APRIL 2019

IMPORTANT INFORMATION FOR OWNERS OF PORTABLE ENGINES

BACKGROUND

The California Air Resources Board (CARB) adopted amendments to the Airborne Toxic Control Measure for Diesel Particulate Matter (ATCM) on November 30, 2018. To protect public health, the ATCM controls emissions from diesel-fueled portable engines that are greater than or equal to 50 horsepower operating in California. The 2018 amendments remove fleet averaging standards for most engines and require Tier 1, 2, and 3 engines be removed from operation by specific phase-out dates. The regulation also requires engine owners to inform their local air district or CARB if they wish to designate their engine as a low-use or emergency-use engine or if they would like to use fleet averaging standards in lieu of complying with the engine phase-out dates.

TIER 1 ENGINE PHASE-OUT DATE

The ATCM for portable engines prohibits any Tier 1 engine rated from 50 to 750 break horsepower (bhp) from operating in California on or after January 1, 2020. Tier 1 engines rated greater than 750 bhp cannot be operated in California on or after January 1, 2022. Tier 1 flexibility engines may not operate on or after December 31 of the year 17 years after the date of manufacture. These phase-out date requirements exclude any engines that are part of a fleet that has elected to comply with the regulation's optional fleet averaging standards. It also excludes any engines designated as either low-use or emergency-use. Owners of Tier 1 engines that are permitted with the Sacramento Metropolitan Air Quality Management District (District) and will be removed from service should submit a permit cancellation form (link below) once the engine has been removed from service.

<http://www.airquality.org/StationarySources/Documents/Cancellation%20Request%20Form.pdf>

FLEET AVERAGING STANDARDS

Large fleet owners (owning a total maximum horsepower over 750 bhp for all portable engines as of June 30, 2019) can elect to comply with a weighted PM emission fleet average instead of the engine phase-out dates. To use the fleet averaging standard, the owner of a large fleet must have all portable engines in the fleet registered in the Statewide Portable Equipment Registration Program (PERP) and submit a written request to CARB to use fleet averaging no later than June 30, 2019. If any engines in the large fleet are permitted with the District, the owner must also notify the District concurrent with notifying CARB by submitting: (1) a copy of the written request that was sent to CARB and (2) proof that the permitted engine is registered in PERP.

EMERGENCY-USE AND LOW-USE ENGINES

An engine designated as emergency-use may only be used during an emergency or emergency event (including appropriate maintenance and testing). An engine designated as low-use may only operate 200 hours or less per calendar year. Both emergency-use and low-use engines are exempt from engine phase-out requirements. Tier 1 engines rated from 50 to 750 bhp cannot be designated as emergency-use or low-use after July 1, 2019, while Tier 1 engines rated greater than 750 bhp cannot be designated after July 1, 2021. Owners of portable Tier 1 engines that are permitted with the District that would like their engine designated as emergency-use or low-use, and are not already designated as such, must submit an application to modify their permit with associated fees (information can be found at the link below). **The application to modify the permit must be submitted to the District by the deadlines listed above.**

<http://www.airquality.org/businesses/permits-registration-programs/permit-applications-recordkeeping-advisories/internal-combustion-engines>

MORE INFORMATION

This advisory does not cover all requirements of the new regulation. For complete information of all requirements, please review the ATCM and PERP regulation found on CARB's website:

<https://ww2.arb.ca.gov/our-work/programs/portable-equipment-registration-program-perp>

If you have questions regarding your permitted portable engines, please contact Brian Krebs at (916) 874-4856 or at bkrebs@airquality.org.