

LAX GSE Emissions Reduction Program - FAQs

Q1. What is Ground Support Equipment (GSE)?

A1. Ground Support Equipment or “GSE” is any vehicle or equipment used to support aircraft operations that is subject to, or included in compliance plans to meet, the requirements of the CARB In-Use Off-Road Diesel (ORD) Vehicle Regulation Program, CARB Off-Road Large Spark-Ignition (LSI) Engine Fleet Requirements Regulation Program, or CARB Portable Equipment Registration Program and associated Portable Diesel Engine Airborne Toxic Control Measure (ATCM). At LAX, LAWA, airlines and other entities own and operate GSE to support arriving, departing, and parked aircraft.

Q2. When are Annual Reports due?

A2. Annual Reports are due on the January 22nd of each year for the previous calendar year starting in January 2016 for calendar year 2015. e.g. December 31, 2015 for reporting year 2015, or upon request from a GSE Fleet Operator, LAWA may grant an extension no later than February 15th of each year for the prior year.

Q3. What information must be included in the Annual Report?

A3. Each Operator’s Annual Report shall include (1) a calculation of the composite emissions factor for hydrocarbons (HC) plus Nitrogen Oxide (NO_x) for its LAX GSE fleet – low-use GSE may be excluded; (2) an inventory of each Operator’s LAX GSE Fleet; and (3) a written statement attesting to the accuracy of the information provided. The calculator, report format, attestation form, and more information can be found at <http://www.lawa.org/gse>.

Q4. How do Operator’s submit the Annual Report?

A4. The Annual Report must be submitted in electronic format by email to gsereporting@lawa.org.

Q5. What is the Emissions Calculator?

A5. LAWA developed an electronic tool to calculate the composite emissions of HC plus NO_x for Operator’s LAX GSE Fleet. The Emissions Calculator consists of a Microsoft Excel™ workbook with a worksheet for the Operator to enter specific data for each piece of equipment. A copy of the Calculator can be downloaded at <http://www.lawa.org/gse>.

Q6. What kind of information is required for the Calculator?

A6. The required items of information necessary to allow the calculator to work include: (1) engine model year, (2) engine horsepower, (3) engine fuel type, (4) whether the engine meets on-road engine emissions standards, and (5) whether the GSE is a designated low-use piece of equipment.

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Q7. What is Low-Use GSE?

A7. “Low-Use GSE” is determined based on the rules set forth in the applicable CARB program, i.e., ORD, LSI, ATCM. Rules governing Low-Use GSE under these programs can be found at <http://www.arb.ca.gov>.

Q8. What is the 2019 Interim Assessment Report?

A8. To monitor progress toward meeting the GSE emissions reduction goal of 2.65 g/bhp-hr of HC plus NO_x, LAWA will require each Operator to submit an Interim Assessment Report, similar to the Annual Report, showing its composite emissions factor as of March 1, 2019. If an Operator’s composite emissions factor is greater than 3.0 g/bhp-hr, the Operator will be required to submit an action plan showing how it will achieve 2.65 g/bhp-hr by December 31, 2021. More information can be found at <http://www.lawa.org/gse>.

Q9. When is the Interim Assessment Report due?

A9. March 31, 2019.

Q10. Will there be penalties if an Operator does not meet the 3.0 g/bhp-hr target on March 1, 2019?

A10. No. The Operator will not be assessed penalties, but the Operator will have to submit an Action Plan showing how it will achieve 2.65 g/bhp-hr by December 31, 2021.

Q11. What is the Action Plan?

A11. The Action Plan must include (1) the composite emissions factor for the Operator’s GSE Fleet operating at LAX as of March 1, 2019; (2) a detailed list of each piece of GSE operating at LAX and its emissions factor; and (3) the Operator’s detailed plan for reaching 2.65 g/bhp-hr by December 31, 2021, showing which pieces of equipment will be retired or replaced, and the date of such retirement or replacement, the anticipated emissions factor, manufacturer, model year (if known), fuel type, fueling method, power, and date of replacement.

Q12. When must an Operator submit its Action Plan?

A12. The Action Plan must be provided to LAWA no later than July 1, 2019. The Action Plan must be submitted in electronic format by email to gsereporting@lawa.org.

Q13. What are the requirements for new operators who plan to begin operation after July 1, 2015 but before December 1, 2018?

A13. A GSE Operator who plans to begin operations at LAX after the effective date of this policy (i.e., July 1, 2015), but prior to December 1, 2018, will be required to comply with the reporting requirements of this policy as of the next annual reporting due date. For example, a new Operator who plans to begin operations at LAX on August 31, 2017, would be required to submit its inventory, emissions calculation, and attestation to LAWA no later than January 22, 2018.

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- Q14. *What are the requirements for new operators who plan to begin operation after on or after December 1, 2018?*
- A14. A GSE Operator who plans to begin operations at LAX on or after December 1, 2018, will be required to submit an inventory of its planned GSE Fleet, a calculation of its composite emissions factor, and a written statement attesting to the accuracy of the information provided to LAWA at least 30 days prior to commencement of operations at LAX. If the new Operator's composite emissions factor is greater than 3.0 g/bhp-hr of HC plus NO_x, the new Operator will be required to submit an Action Plan before the new Operator will be allowed to commence operations at LAX.

LAX GSE Emissions Reduction Program Requirement Contact

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