

NEW FORKLIFT REPORTING REGULATION

Reporting requirements begin as early as **June 30, 2017**

Off-Road Large-Spark Ignition Engine Fleet Regulation (LSI Regulation)

Since 2006, the LSI Regulation has required equipment owners to meet fleet performance requirements. The LSI Regulation was amended in 2016 and now requires equipment owners to report and label their equipment, in addition to meeting the fleet performance requirements.

What types of equipment are subject to the regulation?

Only forklifts, floor scrubbers and sweepers, airport ground support equipment (GSE), and industrial tow tractors with LSI engines of 25 horsepower (19 kilowatt) or more, and greater than 1.0-liter displacement, including electric equipment, are subject to the regulation. LSI engines are typically fueled with gasoline, propane, and compressed natural gas.

What are the fleet performance requirements?

The fleet performance requirements are declining fleet average emission level (FAEL) standards required of fleets of four or more pieces of equipment. These standards were implemented from 2009 through 2013 and the 2013 standard continues to be implemented. A fleet may reduce its emissions by replacing older equipment with newer used or new equipment, installing CARB verified retrofits (for 1990 and newer engines), repowering equipment with cleaner engines, or incorporating zero-emission equipment.

Fleet Type	Number of units	Fleet Average Emission Level g/kw-hr (g/bhp-hr)		
		1/1/2009	1/1/2011	1/1/2013
Large forklift fleet	26+	3.2 (2.4)	2.3 (1.7)	1.5 (1.1)
Midsized forklift fleet	4-25	3.5 (2.6)	2.7 (2.0)	1.9 (1.4)
Nonforklift fleet	4+	4.0 (3.0)	3.6 (2.7)	3.4 (2.5)

What are the reporting and labeling requirements?

For equipment subject to the FAEL, beginning June 30, 2017, and until June 30, 2023, fleets must be reported to CARB, records must be maintained and equipment must be labeled.

How is equipment reported and labeled?

CARB has developed an online reporting system, DOORS, for reporting such fleets. **DOORS can be accessed at https://ssl.arb.ca.gov/ssldoors/doors_reporting/doors_login.html.** Once equipment is entered into DOORS, an Equipment Identification Number (EIN) is assigned and stays with the equipment even when sold, similar to a license plate number for an on-road vehicle. Fleet equipment must be labeled within 30 days of receiving EINs.

CARB also regulates diesel-powered off-road vehicles, and portable equipment. Learn more about your specific requirements by visiting the off-road zone website (www.arb.ca.gov/msprog/offroadzone/offroadzone.htm), by emailing doors@arb.ca.gov, or by calling (877) 59-DOORS (877-593-6677).

On-Road Diesel Vehicles (Trucks)

- Owners of on-road diesel trucks with a gross vehicle weight rating greater than 14,000 lbs. must reduce exhaust emissions by meeting upgrade requirements.
- Vehicles must meet particulate matter filter requirements and/or upgrade to 2010 model year or newer engines.
- Flexibility options may apply for vehicles operated in less polluted counties in California, low-use vehicles, and low-mileage work trucks; annual reporting (by January 31) is required for these options.
- If you have a vehicle subject to the regulation with a 1996 model year or older engine, and have not reported to use a flexibility option, your fleet is likely out of compliance.
- Anyone who hires or dispatches trucks also has requirements to verify that hired fleets comply.

CARB enforces standards on transport refrigeration units and trailer aerodynamics as well. Learn more about your specific requirements by visiting the Truck Stop Website (<https://www.arb.ca.gov/msprog/truckstop/truckstop.htm>), by emailing 8666diesel@arb.ca.gov or calling the Diesel Hotline at 866-6DIESEL (866-634-3737).

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