

Off-Road Large Spark-Ignition (LSI) Equipment Regulation Proposed Amendments

PUBLIC WORKSHOP



California Environmental Protection Agency

Air Resources Board



Off-Road Large Spark-Ignition (LSI) Equipment Regulation Proposed Amendments Public Workshops

Date and Time	Location
Sept. 29, 2015 10:00 am - 12:00 pm PDT	Cal/EPA Building Byron Sher Auditorium Sacramento, CA 95812
Sept. 30, 2015 10:00 am - 12:00 pm PDT	South Coast Air Quality Management District Auditorium 21865 Copley Drive Diamond Bar, CA 91765
Oct. 8, 2015 10:00 am - 12:00 pm PDT	San Joaquin Valley Air Pollution Control District Auditorium 1990 E. Gettysburg Ave. Fresno, CA 93726

Proposed LSI Amendments

- Set the stage for meeting California emission reduction goals in 2030 and beyond
- Support the Sustainable Freight Strategy
- Facilitate uniform compliance
- Identify zero emission equipment opportunities

Recap of June Workshops

- Provided an overview of the LSI regulation
- Presented amendment concepts
- Comments, concerns, and questions incorporated



Today's Overview

Proposed Amendments

- Definitions
- Labeling
- Reporting



Definitions

- Aggregated Operations
- Common Ownership or Control
- Fleet
- Large, Medium, and Small Fleets
- Owner
- Operator



Labeling Requirements

- Diesel Off-Road On-online Reporting System (DOORS) will provide Equipment Identification Number (EIN)
- Red with white letters
- One label
 - Place on equipment where it will not get scraped or rubbed off
 - Equipment may not be visible through casual observation, enforcement will have to visit warehouses
 - EIN may be painted on equipment

MN5V57

Responsible Fleet

- Equipment in fleet average - report and label
- Dealer Reporting
 - Selling equipment? equipment not required to be labeled or reported
 - Service equipment will be required to be labeled and reported
- Rental and Leased Equipment



Database Features

- Anticipate access as early as June 2016
- No fee to report equipment
- DOORS - LSI data portal
- Initial and annual reporting (automatic in system)
- Making data entry as simple as possible
- Provide an automatic fleet average calculation



Data Management

- Limited Hours of Use Equipment
 - Required labeling and reporting
 - Previous years hours will be reported
- Retrofit reporting
 - Report information on verified retrofit systems that reduce engine emissions



DOORS – LSI Data Portal

Home
Page

California Environmental Protection Agency
Air Resources Board

Hi Joe, [Log Out](#)

DOORS ID: 117573 Company Name: Test - LSI Fleet 1 Fleet Type: LSI

DOORS Home

Step 1: Choose a Fleet	Step 2: Choose an Option	Announcements / Quick Links
<p>Test - LSI Fleet 1 (117573)</p> <p>Test - Off-Road Fleet 1 (117140)</p> <p>Test - Off-Road Fleet 2 (117229)</p> <p>Create a new fleet: <input type="button" value="Off-Road Diesel"/> or <input type="button" value="LSI"/></p>	<p>Edit Options</p> <p><input type="button" value="Owner Information"/></p> <p><input type="button" value="Vehicle & Engine"/></p> <p><input type="button" value="Edit Login Account & Contact Info"/></p> <p>Other Options</p> <p><input type="button" value="Compliance Snapshot"/></p> <p><input type="button" value="Print or Export Data"/></p>	<p>What is New:</p> <p><input type="button" value="Suggestions?"/> We would like to hear from you.</p> <p>How To Report:</p> <p>Please check the Knowledge Center for available updates.</p> <p><input type="button" value="Knowledge Center Overview, Reports, Fact Sheets"/></p>

[DOORS Disclaimer](#)

Questions? Contact the DOORS Hotline: 1-877-59-DOORS (1-877-593-6677) or doors@arb.ca.gov

Owner Information Page

DOORS ID: 117573

Company Name: Test - LSI Fleet 1

Fleet Type: LSI

Owner Information page

FLEET OWNER INFORMATION	
Fleet Type:	LSI
Legal Owner Name:	Test - LSI Fleet 1
Company / Agency Name:	Test - LSI Fleet 1
Company / Agency Type (optional):	Individual (sole proprietorship)
Company / Agency Tax ID:	123456789
Company / Agency Phone #:	916 111 - 1111
Company / Agency Fax #:	-
Company / Agency Email Address:	test@lsifleet.com
Company Mailing Address:	
Address for Fleet Owner:	10011st
Suite / Apartment / Floor:	
City:	Sacramento
State:	California
Zip:	95812
Company Physical Address	<input checked="" type="checkbox"/> Same as mailing address
Address for Fleet Owner:	
Suite / Apartment / Floor:	
City:	
State:	California
Zip:	
Responsible Person (Responsible Official):	Joe Smith
Responsible Person Title:	CEO
Responsible Person Email:	
Responsible Person Phone:	-

[Save Data](#)

[Show Data Changing Log](#)

Diesel Off-road Online Reporting System (DOORS)

Large Spark-Ignition Regulation

DOORS Home

Hi Joe, Log Out

Owner Information

Vehicle & Engine

Limited Hours of Use

Long-Term Rental

DOORS ID: 117573

Company Name: Test - LSI Fleet 1

Fleet Type: LSI

Fleet Compliance Snapshot

As of Today (September 4, 2015) [Refresh Fleet Data](#)

(or click the "Refresh Fleet Data" button if the numbers don't look correct or if data doesn't show.)

Your fleet, as currently reported, has met the Large Spark-Ignition regulation requirements.

Current Fleet Statistics	
Fleet Size:	Large
Number of Vehicles:	
In Fleet Average:	3
Limited Hours of Use:	0
Exempt Not Low-Use:	0
Total Vehicles:	3
Total Horsepower (in fleet average):	1,215
In Compliance:	Yes

Vehicles in the Fleet										
EIN	Veh Serial #	Your Veh #	Veh Type	Veh Manufacturer	Veh MY	Eng Serial #	Eng Manufacturer	Eng Model	Eng MY	Eng HP
AJ9F38	7TLD1258	1197	Other Construction Equipment	CATERPILLAR	1999	2NA020	CATERPILLAR, INC.	3408	1999	405
AA6Y79	7TLD1258	1197	Other Construction Equipment	CATERPILLAR	1999	2NA020	CATERPILLAR, INC.	3408	1999	405
DW8G49	7TLD1258	1197	Other Construction Equipment	CATERPILLAR	1999	2NA020	CATERPILLAR, INC.	3408	1999	405

Fleet
Average
Page

Large Spark Emission Reporting system (LASER)

DOORS Home Hi Joe, [Log Out](#)

Owner Information Vehicle & Engine Engine Repower Low-Use Long-Term Rental

DOORS ID: 117573 **Company Name: Test - LSI Fleet 1** **Fleet Type: LSI**

Vehicle & Engine page

BUY A VEHICLE - with an EIN			
EIN	Vehicle Purchase Date (yyyy-mm-dd)	Engine Hours	
	0000 - 00 - 00		<input type="button" value="Buy"/>

Attention: - If you are adding a vehicle without an EIN, enter the vehicle information below. An EIN will AUTOMATICALLY be generated in the table below once the vehicle and engine information is entered.

BUY/ENTER A VEHICLE - without an EIN				
Vehicle Information				
EIN	Veh Serial # (or VIN)	Your Veh # (or License Plate)	Type	Manufacturer
Model		MY	Purchase (yyyy-mm-dd)	Inservice (yyyy-mm-dd)
			0000 - 00 - 00	0000 - 00 - 00
Designate As		Designation Effective Year	Capacity	Capacity Type
				Tow
Engine Information				
Eng Serial #	Manufacturer		Model	Model Year
	CASE CORPORATION			2013
Max HP / KW	Eng Family		Displacement (Liters)	Fuel Use
Retrofit Information				
Retrofit Manufacturer / Retrofit Type / Engine Displacement				
Nett Technologies Inc / Nett BlueCAT 300 / 1.4 - 2.5 L				
<input type="button" value="Enter Vehicle & Engine Data"/>				

Search Vehicle By EIN:

Show Page **1** (50 rows per page, Total 1 rows.)

There is 1 vehicle for DOORS ID: 117573

The **red fields** are missing information fields. Please provide the missing information.

Two-engine vehicles will display 2 rows with the same vehicle information but different engine information. To see vehicles with missing engines, please sort by Eng MY.

* Show the most recently entered/edited vehicles on top.

Vehicles in the Fleet Currently															
Vehicle Information										Engine Information					
	Line #	EIN	Veh Serial #	Your Veh #	Veh Type	Veh Manufacturer	Veh Model	Veh MY	Eng Serial #	Eng Manufacturer	Eng Model	Eng MY	Eng HP	Eng Fuel Use	Eng Family
Edit Delete Sell/Retire	1	DW8G49	11111	11111	A/C Tug Wide Body (Airport GSE)	A. M. SNOWBLAST	11111	2011	22222e	CASE CORPORATION	22222e	1994	1200		

DOORS – LSI Data Portal

Vehicle and Engine Page

LSI Regulation Classes and One-Stop Truck Events

LSI Training Classes (#505)

Oct. 29, Santa Rosa

Dec. 2, Selma

One-Stop Truck Events

Sept. 29 , Salinas (King City)

Oct. 14, San Diego (Del Mar)

Oct. 20, Redding (Anderson)

Dec. 11, Alameda

Dec. 16, Sacramento

Next Steps

- Continue to work with stakeholders
- Draft proposed regulatory language
- Draft Staff Report
- Complete DOORS portal beta testing
- Board hearing May 2016

Contact Information

Todd Sterling – Staff Lead 916-323-2397
Todd.Sterling@arb.ca.gov

John Kato – Manager 916-322-2891
John.Kato@arb.ca.gov

