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

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

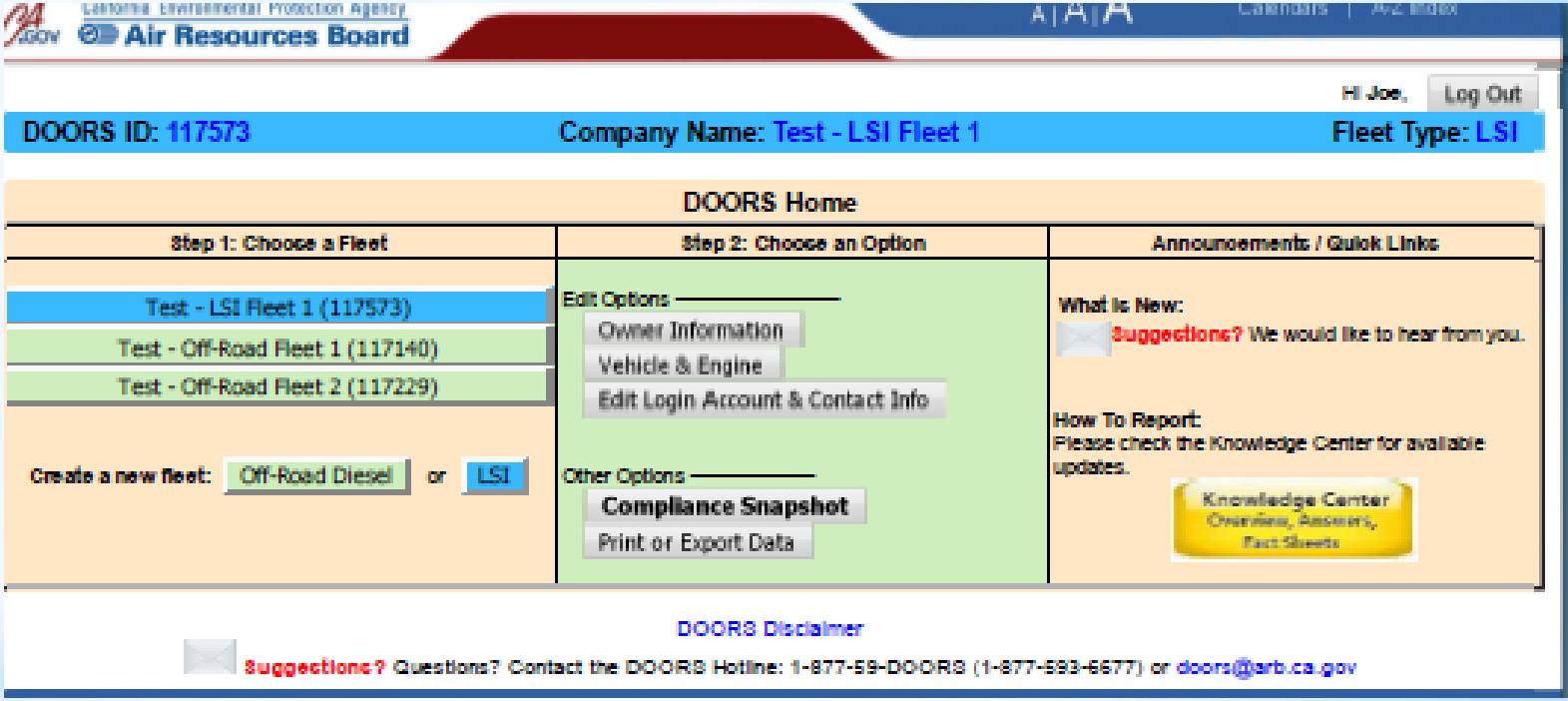
- Anticipate access as early as June 2016
- No fee to report equipment
- DOORS - LSI data portal
- Initial and annual reporting (automatic in system)
- Making data entry as simple as possible
- Provide an automatic fleet average calculation

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



DOORS –
LSI Data Portal

Owner Information 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

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:	1001 1st
Suite / Apartment / Floor:	
City:	Sacramento
State:	California
Zip:	95812

Company Physical Address	☑ 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

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

DOORS –
LSI Data Portal

Fleet Average Page

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	7TL01258	1197	Other Construction Equipment	CATERPILLAR	1999	2NA020	CATERPILLAR, INC.	3408	1999	405
AA6Y79	7TL01258	1197	Other Construction Equipment	CATERPILLAR	1999	2NA020	CATERPILLAR, INC.	3408	1999	405
DW8G49	7TL01258	1197	Other Construction Equipment	CATERPILLAR	1999	2NA020	CATERPILLAR, INC.	3408	1999	405

Contact the DOORS Hotline: 1-877-68-DOORS (1-877-683-8677) or doors@arb.ca.gov

DOORS – LSI Data Portal

Vehicle and Engine 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		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
HP -			

Retrofit Information

Retrofit Manufacturer / Retrofit Type / Engine Displacement

Nett Technologies Inc / Nett BlueCAT 300 / 1.4 - 2.5 L

Enter Vehicle & Engine Data

Search Vehicle By EIN: | Search Vehicle

Show Page 1 (50 rows per page, Total 1 rows.) | Show All Rows

Display Summary Fields | Display All Fields

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.

Reset Sort*
* 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	AC Tug Wide Body (Airport GSE)	A. M. SNOWBLAST	11111	2011	22222e	CASE CORPORATION	22222e	1994	1200		

Show Sold Vehicles

Show Data Changing Log

LSI Regulation Classes and One-Stop Truck Events

LSI Training Classes (#505)

Oct. 29, Santa Rosa

Dec. 2, Selma

One-Stop Truck Events

Sept. 30 , 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

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