



***** ALERT *****

California Air Resources Board (CARB) Large Spark-Ignition (LSI) Fleet Emissions Reduction Requirements Begin JANUARY 1st 2009. Don't un-necessarily subject your company to CARB's penalty of \$500 per forklift, per day fine for non-compliance!

This document serves to summarize the fleet requirements of the California regulation for “*Off-Road Large Spark-Ignition Engines*.” [CCR 13 Section 2430]

The regulation applies to any operator in California with four or more forklifts and/or four or more non-forklifts which include **gasoline** or **propane** fueled spark-ignition engines greater than 1L in displacement and rated at greater than 25 horsepower. Non-forklifts can include: sweepers/scrubbers, industrial tow tractors and airport ground support equipment.

A small sized fleet with less than 4 forklifts or 4 non-forklift pieces of equipment is exempted from this regulation. A medium sized fleet is an operator with 4 to 25 pieces of LSI equipment. A large fleet is an operator with more than 26 pieces of LSI equipment.

The rule requires fleet operators to comply with the following provisions:

1. Complete a baseline inventory of the company's statewide fleet of both forklifts and non-forklifts within six months of adoption of this regulation; no later than **November 10, 2007**. Emission reduction targets must be met beginning on **January 1, 2009**.
2. Maintain (at the facility) this original baseline inventory and subsequent inventories indicating accessions and retirements until June 30, 2016. Note: if forklifts are located at several facilities throughout the state, records can be maintained in one central location.
3. Calculate the fleet average emissions of all forklifts and non-forklifts operated in California. These records must include: equipment type, make, model, serial number, and emission certification standards or retrofit verification level. **IMPORTANT – Fleet averaging calculations MUST be consistent with units of measure using either g/kw-hr, or g/bhp-hr. Inconsistency in units will result in misleading fleet average numbers.** Fleet operators must also maintain on file for three years information on the quality of propane fuel they purchased for their fleet.

**** DON'T PANIC ****

WE CAN HELP! Let the professionals at Toyota Material Handling perform a fleet analysis and calculate your current emissions levels. This **NO CHARGE** analysis will be performed by a knowledgeable representative from TMH who will provide you with the following:

Baseline fleet inventory (spreadsheet) with all required data, model and serial #'s, etc.

Current emission levels for each LSI piece of equipment

Recommendations for **retrofit and/or replacement** of non compliant equipment and the cost

Overall strategy to ensure compliance now, 2011, and 2013

Let TMH help! Contact Mark Gates at 800-527-3746 or mgates@tmhnc.com.