



## Recip Engine Owners: Will Your Stationary Engine be SI RICE NESHAP Compliant?

Are you aware of the recent RICE NESHAP regulation from the EPA? If you use a stationary spark ignited reciprocating engine(s), recognize that this regulation may require some modifications to your work practices and/or engine(s). The regulation, issued in August 2010, covers existing stationary engines. Compliance is required by August 10, 2013. The EPA states there are over 330,000 stationary engines in the United States that are affected by this regulation. Though compliance is a couple years away, it doesn't hurt to start planning early, especially if your operation consists of many engines.

### Step One – Is Your Engine(s) Affected?

- EPA and local agencies permitting documents
- Horsepower of the engine
- Annual hours of operation
- Annual hours of operation for non-emergency purposes
- Engine installation date

This information is required to determine if your application is emergency or non-emergency, and whether you fall into a Major Source or Area Source of Hazardous Air Pollutants (HAPs). A Major Source is an individual location that produces over 10 tons of a single HAP or over 25 tons of total HAPs annually. An Area Source is considered to be any source that is not a Major Source.

### Step Two – How Do You Become Compliant?

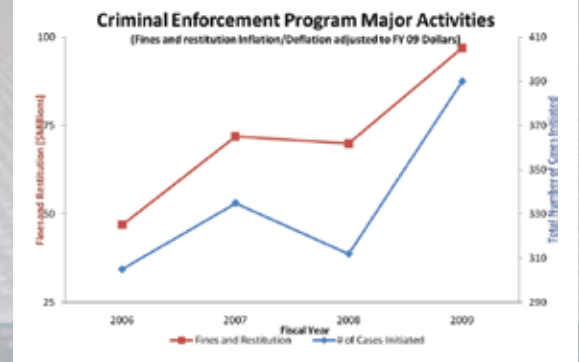
There are several categories that may require attention to bring your engine into compliance. They are:

- Allowable emission levels
- Standard work practices
- Engine operating limitations
- Start-up requirements
- Compliance demonstration
- EPA Reporting requirements

### How Can Universal Help?

Universal understands the RICE NESHAP regulation and how it applies to your engines. Our RICE NESHAP program has been put together to offer complete assistance to bring your stationary engine into compliance; from evaluating your engine's needs to selecting the proper emissions control device and installation. Universal understands your engine and how to bring it into compliance.

Is this engine RICE NESHAP compliant?



**Will the EPA ignore your facility? Don't take the chance. EPA enforcement activities have increased.**

Emission control devices like this Oxidation Catalyst system will be used on existing engines that don't meet emission requirements.



RICE NESHAP requires logging exhaust temperature and back pressure. Universal's monitoring system makes logging compliance data easy while monitoring system performance.



## Universal specific RICE NESHAP expertise includes:

### 1. Emission control devices to meet regulations

RICE NESHAP may require exhaust gas treatment. Universal has the experience to guide you from sizing and design to unit installation and monitoring.

### 2. Testing and site evaluation

Universal can help you evaluate specific facility and emission sources. We can recommend a standard or custom design to minimize back pressure, installation costs and temperature requirements.

### 3. Monitoring and controls

Universal provides a comprehensive data logging system that allows easy documentation of requirements for RICE NESHAP reporting, including catalyst inlet temperature and pressure drop across the catalyst.

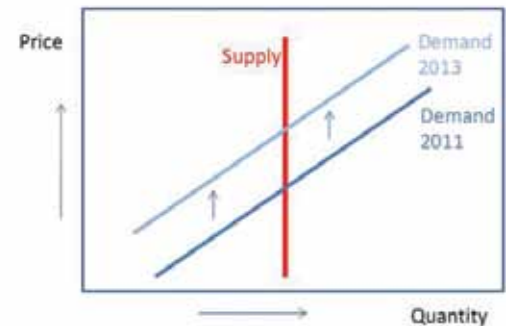
### 4. Information and recommendations

Our staff can offer technical guidance, interpretations of regulations, evaluation of engine performance and emissions output, and help you decide what the right alternative is to make each site RICE NESHAP compliant.

Site evaluation is critical, as most existing applications will have limited available space for control devices.



**A relatively fixed supply of catalyst suppliers, engineering firms, and exhaust system manufacturers means you will pay more as the compliance deadline nears.**



**TAKE ACTION NOW AND AVOID THE LAST MINUTE RUSH!**

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***Your one-stop RICE NESHAP compliance provider.***