



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



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Date: November 20, 2013 *Marc*  
To: Bureau of Air Quality, Licensing & Compliance Staff  
From: Marc A.R. Cone, Director, Bureau of Air Quality  
Subject: Guidance Regarding Exemption from Ambient Air Quality Analysis for Stationary Internal Combustion Engines

In the absence of extenuating circumstances, a stationary internal combustion engine (SICE) shall be exempt from inclusion in any National Ambient Air Quality Standards (NAAQS) or increment analysis, providing:

1. The SICE has a maximum heat input capacity of less than or equal to 12.5 MMBtu/hr.
2. The SICE does not operate for more than 100 hours during any calendar year, excluding operating hours during emergency situations.

Emergency situations include, but are not limited to: producing power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or SICE used to pump water in the case of fire or flood, etc..

Emergency situations do not include producing prime power when reliable offsite power is available; nor operating in a demand response program, during a period of deviation from standard voltage or frequency, or supplying power during a non-emergency situation as part of a financial arrangement with another entity, unless allowed by federal regulations.

3. The SICE meets all requirements contained in 40 CFR Part 63, Subpart ZZZZ, 40 CFR Part 60, Subpart IIII, or 40 CFR Part 60, Subpart JJJJ, as applicable.
4. The sulfur content of the fuel fired in the SICE is less than or equal to 0.0015% (15 ppm), by weight (e.g., Ultra Low Sulfur Fuel, propane, gasoline, or natural gas).

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5. Emissions from the SICE are vented in a manner that they will not directly affect building air intakes, vents, nearby vegetation, or result in extenuating circumstances.
6. The licensee maintains records of the hours of operation demonstrating that the SICE does not exceed 100 hours of operation per calendar year and utilizes a non-resettable hour-meter to record operating time.

Should the operation of an SICE exceed 100 hours during any calendar year, excluding operating hours during emergency situations, the licensee shall notify the Department within two working days of the excess operation. Upon review of the situation, the Department may require that, within 90 days of notification to so do, the licensee submit a modeling analysis to demonstrate that the SICE will not cause or contribute to a violation of any NAAQS or increment standard.