On May 4, 2012, the SCAQMD Governing Board amended Rule 1470 – Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines. Rule 1470 is intended to implement the requirements of state law (Air Toxics Control Measure, ATCM, for Stationary Compression Ignition Engines) and includes new requirements on the operation of diesel-fueled internal combustion engines. The requirements for new stationary emergency standby diesel-fueled compression ignition (CI) engines are as listed below:

I. New stationary emergency standby diesel-fueled CI engine:

<table>
<thead>
<tr>
<th>Engine Size</th>
<th>Application Deemed Complete Date</th>
<th>PM Emission Rate (g/bhp-hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100 meters or less from school or on school grounds</td>
<td>Greater than 50 meters from sensitive receptors (except for 100 meters or less from a school)</td>
</tr>
<tr>
<td>50 &lt; HP &lt; 175</td>
<td>On or after January 1, 2013</td>
<td>0.01</td>
</tr>
<tr>
<td>175 ≤ HP ≤ 750</td>
<td>On or after January 1, 2013</td>
<td>0.01</td>
</tr>
<tr>
<td>&gt;750 HP</td>
<td>January 1, 2013-June 30, 2015</td>
<td>0.01</td>
</tr>
<tr>
<td></td>
<td>On or after July 1, 2015</td>
<td>0.01</td>
</tr>
</tbody>
</table>

*A sensitive receptor means any residence including private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes, long term care hospitals, hospices, prisons, and dormitories or similar live-in housing.

**Applications for such engines are deemed complete on or after January 1, 2013 and within 18 months of each other.
II. New stationary emergency standby direct-drive fire pump engines and direct-drive flood control pump engines:

<table>
<thead>
<tr>
<th>Engine Size</th>
<th>Application Deemed Complete Date</th>
<th>Direct-Drive Fire Pump Engines</th>
<th>Direct-Drive Flood Control Pump Engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 &lt; HP &lt; 100</td>
<td>On or after January 1, 2011</td>
<td>0.30</td>
<td></td>
</tr>
<tr>
<td>100 ≤ HP &lt; 175</td>
<td></td>
<td>0.22</td>
<td></td>
</tr>
<tr>
<td>175 ≤ HP ≤ 750</td>
<td></td>
<td>0.15</td>
<td>0.15</td>
</tr>
<tr>
<td>HP &gt; 750</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Typical control equipment used to achieve the diesel particulate matter (DPM) emission limits will be the use of a diesel particulate filter (DPF). The state of California Diesel Emission Control Strategies (Verification) [http://www.arb.ca.gov/diesel/verdev/vdb/vdb.php](http://www.arb.ca.gov/diesel/verdev/vdb/vdb.php) contains a list of DPF matched with specific internal combustion engines manufacturers’ models that will meet specific levels of DPM control.

If you have any questions regarding this Advisory Notice, and need to talk to a Permit Engineer, please call (909) 396-3385.
PM Emission Standards for New Certified ICE

- Are there 2 or more New Emergency ICE individually rated <175 HP AND <50m of the same sensitive receptor?
  - NO
  - YES
- Are the cumulative Max HP of Engines > or = 175bhp AND Apps for Engines are Deemed Complete for PC/PO On or After 1/1/2013 AND Apps for Engines are Deemed Complete w/in 18 month of each other?
  - NO
  - YES
- Is the new Emergency ICE installed and with Application for PC/PO Deemed Complete On or After January 1, 2013?
  - NO
  - YES
- <100m from School?
  - NO
  - YES
  - Comply with PM Standards (g/bhp-hr):
    - if 50<HP<175, 0.15
    - if 175<HP<750, 0.01
    - if >750 HP AND w/ App for PC/PO Deemed Complete Between 1/1/13-6/30/15, 0.075
    - if >750 HP AND w/ App for PC/PO Deemed Complete On or After 7/1/15, 0.02
- Located >50m from Sensitive Receptor?
  - NO
  - YES
  - Comply with PM Standards (g/bhp-hr):</br>  - if 50<HP<175, 0.15</br>  - if 175<HP<750, 0.01</br>  - if >750 HP AND w/ App for PC/PO Deemed Complete Between 1/1/13-6/30/15, 0.075</br>  - if >750 HP AND w/ App for PC/PO Deemed Complete On or After 7/1/15, 0.02</br  - Comply with NMHC + NOX & CO Stds

- Comply with PM Standards (g/bhp-hr):
  - if 50<HP<175, 0.15
  - if 175<HP<750, 0.01
  - if >750 HP AND w/ App for PC/PO Deemed Complete Between 1/1/13-6/30/15, 0.075
  - if >750 HP AND w/ App for PC/PO Deemed Complete On or After 7/1/15, 0.02
  - Comply with NMHC + NOX & CO Stds

End