July 20, 2009

Ms. Kathy Plunkett  
Vice President, Engineering  
GTE Industries  
4121 NW 37th Street  
Lincoln, Nebraska 68524

Dear Ms. Plunkett:

The Air Resources Board (ARB) has reviewed the GTE Industries application for the verification of the GTE Purity™ Diesel Particulate Filter (DPF) System and determined that the GTE Purity™ DPF System is the same product as the Süd-Chemie Inc. EnviCat-DPF®. Since the Süd-Chemie Inc. EnviCat-DPF® is an ARB verified Level 3 Plus system based on the evaluation of the same data as provided for the GTE Purity™ DPF System verification application, ARB hereby verifies the GTE Purity™ DPF System as a Level 3 Plus system for the same control group.

The GTE Purity™ DPF System reduces emissions of diesel particulate matter (PM) by 85 percent or greater and does not increase nitrogen dioxide (NO₂) emissions beyond the 2009 limit of 20 percent of the baseline oxides of nitrogen (NOₓ) emissions (Level 3 Plus) when in use in stationary prime and emergency standby (E/S) generators and pumps powered by 1996 or later certified off-road engines meeting 0.2 grams per brake horsepower hour (g/bhp-hr) diesel PM or less based on certification or in-use emissions testing and meet the U.S. EPA Tier 1, Tier 2, or Tier 3 off-road diesel engine certification standards. The Executive Order for the GTE Purity™ DPF System, including a list of the applicable engine families, is attached.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: http://www.arb.ca.gov.
The verification is valid provided the following operating criteria are met:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>Stationary Prime and E/S Power Generation and Prime and E/S Pumping</td>
</tr>
<tr>
<td>Engine Type</td>
<td>Diesel, with or without turbocharger, without Exhaust-Gas Recirculation (EGR), mechanically or electronically controlled, certified off-road engines meeting 0.2 g/bhp-hr diesel PM or less based on certification or in-use emission testing.</td>
</tr>
<tr>
<td>Minimum Exhaust Temperature for Filter Regeneration</td>
<td>The engine must operate at the load level required to achieve 400 degrees Celsius (ºC) for a minimum of 30 minutes. Operation at lower temperatures is allowed, but only for a limited duration, as specified below.</td>
</tr>
<tr>
<td>Maximum Consecutive Minutes Operating Below Passive Regeneration Temperature</td>
<td>300 Minutes</td>
</tr>
<tr>
<td>Number of Cold Start and 30 Minute Idle Sessions before Regeneration Required</td>
<td>10</td>
</tr>
<tr>
<td>Number of Hours of Operation Before Cleaning of Filter Required</td>
<td>2,000 when using diesel with &lt;15 ppm sulfur.</td>
</tr>
<tr>
<td>Fuel</td>
<td>California diesel fuel with less than or equal to 15 ppm sulfur or a biodiesel blend provided that the biodiesel portion of the blend complies with ASTM International D6751, the diesel portion of the blend complies with CCR, title 13, sections 2281 and 2282 and the blend contains no more than 20 percent biodiesel by volume.</td>
</tr>
<tr>
<td>PM Verification Level</td>
<td>Level 3 Plus Verification:&lt;br&gt;• PM – at least 85% reduction&lt;br&gt;• NO₂ – meets January 2009 limit</td>
</tr>
</tbody>
</table>

Since there may be significant variations from application to application, GTE Industries must review actual operating conditions (duty cycle, baseline emissions, exhaust temperature profiles, and engine backpressure) prior to retrofitting an engine with a GTE Purity™ DPF System to ensure compatibility.

Furthermore, the engine on which the GTE Purity™ DPF System is installed should be well maintained and not consume lubricating oil at a rate greater than that specified by
the engine manufacturer. GTE Industries must install the Dwyer, Series DH Digihelic® Differential Pressure Controller, or equivalent, backpressure monitor on all engines retrofitted with a GTE Purity™ DPF System.

ARB hereby assigns the GTE Purity™ DPF System the designated family name of:

CA/GTE/2009/PM3+/N00/ST/DPF01

This identification number should be used in reference to this verification as part of the system labeling requirement.

Additionally, as stated in the Diesel Emission Control Strategy Verification Procedure, GTE Industries is responsible for honoring their warranty (CCR, title 13, section 2707) and conducting in-use compliance testing (CCR, title 13, section 2709).

Should you have any questions or comments, please contact Mr. Kirk Rosenkranz, Air Pollution Specialist, at (916) 327-7843.

Sincerely,

/s/

Robert D. Fletcher, Chief
Stationary Source Division

Attachments

cc: Alexander Sappok
    Sloan Automotive Laboratory
    Massachusetts Institute of Technology, Room 31-158
    77 Massachusetts Avenue
    Cambridge, MA 02139

    Kirk Rosenkranz
    Air Pollution Specialist
    Control Strategies Section