

For Immediate Release

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Cleaire Receives California Air Resources Board Conditional Level 3+ Verification for Phoenix™

SAN LEANDRO, CA., April 10, 2009 — Officials of Cleaire Advanced Emission Controls, LLC announced today that the California Air Resources Board (CARB) has conditionally verified the Phoenix™ diesel emission retrofit system as Level 3+ for off-road applications, reducing tailpipe diesel particulate matter by greater than 85%. The Level 3+ designation makes Phoenix eligible for government financial incentive programs and can be used to meet regulatory requirements such as CARB Fleet Rules and New York Local Laws.

This CARB determination, effective March 20, 2009 allows Phoenix to be installed on 1996 through 2009 model year engines in rubber-tire off-road equipment up to 12 liters displacement. Phoenix is a diesel burner based active regeneration particulate matter control system ideal for lighter duty cycles that don't support passive regeneration.



“This CARB determination allows the Phoenix to be deployed throughout California and the United States to address rule compliance, local diesel particulate matter health impacts and global warming from black carbon emissions”, said Brad Edgar, president and Chief Technology Officer for Cleaire.


Cleaire’s retrofit technology replaces the muffler in the exhaust system of a diesel vehicle, where it operates much like a catalytic converter in an automobile. “Phoenix can be easily applied to existing vehicles, allowing fleet operators to economically comply with increasing regulations and recapture the original anticipated equipment lifecycle while avoiding costly replacement”, said Edgar.

The Phoenix reduces particulate matter (PM), commonly referred to as soot. Soot has been linked to asthma and other respiratory illnesses.

Additional California Air Resources Board Verified Products

On-Road

Longview®: A passive regeneration technology verified to reduce NOx by at least 25% and PM by greater than 85%. Longview system is in use on more than 4,000 diesel buses and trucks throughout California, including vehicles owned by over-the-road trucking, local delivery, vocational, municipal, utility, refuse and transit fleets in a number of areas of the country.

A vertical border of faded, light gray icons representing various types of vehicles, including school buses, transit buses, trucks, and off-road equipment, runs along the left and right sides of the page.

Horizon™: An active regeneration Level 3 verified product, approved for essentially all model years 1960 through 2006 engines, that uses an integrated electric heating element to periodically process captured PM. Thousands of Horizon systems are in daily service installed on school buses, transit/shuttle buses, municipal, utility and refuse vehicles throughout California.

Off-Road

Lonestar™: A passive regeneration Level 3+, Mark 2 (40% NOx reduction) verified product approved for 1996-2009 non-external EGR engines from 5 to 12 liters displacement. Typical applications include motor graders, wheel loaders and excavators.

Skyline™: An active regeneration Level 3 verified product, approved for essentially all Tier 1 through Tier 3 engines, that uses an integrated electric heating element to periodically process captured PM. Skyline offers an excellent particulate matter control solution for equipment operating in central locations such as refuse transfer, airport ground support, yard spotting and warehouse material management.

About Cleaire Advanced Emission Controls

Cleaire Advanced Emission Controls, LLC (www.cleaire.com) develops and manufactures retrofit systems that reduce emissions from diesel engines. Headquarters are in San Leandro, California with manufacturing facilities in San Diego, California.

Additional information about Cleaire and its verified products can be found at www.cleaire.com.