



Air Resources Board



Matthew Rodriguez
Secretary for
Environmental Protection

Mary D. Nichols, Chairman
9480 Telstar Avenue, Suite 4
El Monte, California 91731 • www.arb.ca.gov

Edmund G. Brown Jr.
Governor

September 6, 2013

Reference No: CIHD-2013-040

Gary Miller
Director of Engineering
Aqua-Hot Heating Systems, Inc.
7501 Miller Drive
Frederick, Colorado 80504

Dear Mr. Miller:

By this letter, the Air Resources Board (ARB) hereby approves two fuel-fired heaters manufactured and marketed by Aqua-Hot Heating Systems (Aqua-Hot) as meeting the idling emissions reduction requirements specified in Sections 1956.8(a)(6)(D) and 2485(c)(3)(B) of the Title 13, California Code of Regulations. Approved models are natural gas vehicle coolant heaters labeled as Work-Ready Natural Gas heater WRH-10N-001 and WRH-20N-001. The heaters are permitted to be installed and operated on all heavy-duty natural gas vehicles with a gross vehicle weight rating (GVWR) over 14,000 pounds, and all natural gas commercial motor vehicles with a GVWR over 10,000 pounds.

To aid field identification and enforcement activities, Aqua-Hot may label the heaters approved herein. The label, either a separate one or part of an existing label, may make reference to this approval, e.g., "ARB Approval #CIHD-2013-040" or some other phrase to this effect. The label shall be affixed to the heater and shall not be affixed to any exterior surface of the vehicle into which the heater is installed. The label shall not have an oval shape and shall not exceed 2 inches in height or 3 inches in width. Claims of being "approved" by ARB can be used, however, claims of being "certified" by ARB is not permitted, in any oral or written representations or advertisements.

Unless specific ARB approval is granted, no change may be made to the hardware or control calibrations of the heaters as described in Aqua-Hot's application dated June 06, 2013, and all supplemental information provided for the approval herein.

This letter hereby supersedes approval letter reference number CIHD-2013-030 dated August 7, 2013.

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>.

California Environmental Protection Agency

Mr. Gary Miller
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If you have additional questions or comments regarding this matter, please contact Ms. Kimberly Pryor, Manager, at 626-575-6640 or by email at kpryor@arb.ca.gov.

Sincerely,



Erik White, Chief
Mobile Source Operations Division

FAR

cc: Ms. Kimberly Pryor, Manager
Compression-Ignition and Heavy Duty Certification Section
Mobile Source Operations Division