



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

OFFICE OF
AIR AND RADIATION

MAR - 2 2012

John Hull
Alliance Tire Americas, Inc.
201 Edgewater Drive
Suite 285
Wakefield, MA 01880

Dear Mr. Hull:

The U.S. Environmental Protection Agency (EPA) has reviewed your request for verification of the Aeolus Tire Company, Ltd. (Aeolus) HN808 tire for use on line haul Class 8 trucks. Based upon your application and data provided, you have demonstrated that the coefficient of rolling resistance of the subject tire meets the requirements of the SmartWay Technology Program. The subject tire achieves the appropriate target values for the axle positions indicated and can be considered a low rolling resistance tire. In prior testing, EPA has determined that certain low rolling resistance tire models, when used on all five axles of long haul class 8 tractor trailers, can reduce NOx emissions and improve fuel consumption by over 3 percent. Based on our evaluation of your verification application and data provided, EPA hereby verifies that this product meets the low rolling resistance tire performance criteria for new tires.

The following product is approved as a Verified Low Rolling Resistance Tire in the SmartWay Technology Program:

Tire Manufacturer: Aeolus Tyre Company, Ltd., represented by Alliance Tires America, Inc.

Tire Brand and Model: Aeolus HN808

Test Method: ISO 28580

Axle Positions Qualifying for Verification: Trailer

The following operating criteria must be met in order for trucks to achieve the aforementioned benefits:

1. Tires are used on the axle position(s) stated above on a class 8, line-haul truck.
2. Verified low rolling resistance tires must be installed on all axle positions of the tractor and trailer.
3. All tires must be properly inflated according to the manufacturer's specifications.

Information on **Aeolus Tyre Company's Aeolus HN808** will be posted on the EPA's Verified Technology List website at: <http://www.epa.gov/smartway/technology/tires.htm>. If **Aeolus HN808** is modified from the application description provided to EPA and representative of

products tested, you must notify EPA immediately. This verification does not automatically confer to modified tires that are similar to this original verification.

As a manufacturer of EPA SmartWay verified technologies, your organization plays a unique role in the SmartWay program. Alliance produces the technologies that provide emissions reduction and fuel saving benefits when used properly in their designed applications. These technologies are used by SmartWay Partners and other businesses to help support their performance goals. Attached is a file containing communication guidelines for manufacturers of EPA SmartWay verified technologies. If you have questions regarding these policies, please consult the attached communications policy summary or you may contact Joann Jackson-Stephens directly at jackson-stephens.joann@epa.gov.

Thank you for participating in EPA's Technology Verification Program. If you have any questions or comments, please contact L. Joseph Bachman, of my staff, at 202-343-9373.

Sincerely,

A handwritten signature in cursive script that reads "Jim Blubaugh".

Jim Blubaugh, Deputy Director
Transportation and Climate Division
Office of Transportation and Air Quality