



OFFICE OF TRANSPORTATION AND AIR QUALITY

WASHINGTON, D.C. 20460

March 19, 2025

Mr. Pierre-Yves Lacroix
Engineering Director
Transtex LLC
8219 Northwest Boulevard
Suite 100
Indianapolis, Indiana 46278

Dear Mr. Lacroix:

The U.S. Environmental Protection Agency (EPA) has reviewed your request to verify the Edge Elite Aero System 1630T Amazon as a SmartWay combination of two or more trailer devices for line-haul, heavy-duty truck trailers. This device combination is designed to increase the aerodynamic efficiency of trailers to improve the overall fuel economy of the combination tractor-trailer. Based on your application, test data and supporting information, EPA hereby verifies the Edge Elite Aero System 1630T Amazon for the level described below.

Device Name	Fuel Savings Category	Device Category	Test Method (s)	Test Protocol
Transtex Edge Elite Aero System 1630T Amazon	5%	Skirt and Rear Fairings (Tail & Skirt Panel)	Wind Tunnel (2014)	Post-2014

Verified performance of this device system is based on scale model wind tunnel testing representative of a 53 foot, "dry" box trailer traveling at highway speeds. Verified aerodynamic devices are intended for use on 53 foot "dry" box and/or 53-foot refrigerated trailers where appropriate. The application of some devices or systems may not be appropriate for all trailer configurations. For example, some aerodynamic end fairings may not be compatible with roll up doors and front-end fairings (or gap reducers) are not appropriate for refrigerated trailers. Verified devices and device systems must be evaluated by the manufacturer to confirm that installations would be appropriate for the intended applications and that any modifications to the verified device will not impact aerodynamic performance.

EPA verification is contingent upon devices being installed and maintained as they were tested. Minimal modifications to aerodynamic devices necessary for certain installations, such as a hole to

accommodate a fuel filler neck or cut out for lighting, is only appropriate with written instructions and approval by the manufacturer. Manufacturers must evaluate and approve all installation modifications and confirm that the modification would have minimal impact on the fuel savings performance. Any significant change(s) to the device(s) from the EPA-tested installation and/or design is not automatically verified and may cause a drop in performance. Manufacturers must submit all significant modifications in advance to the EPA for approval. EPA reserves the right to conduct testing of aerodynamic devices submitted for verification. Verification approval and web listing may be revoked if devices are modified in any way from the devices tested and described in the application or if it fails to meet requirements in EPA testing.

EPA verifies aerodynamic trailer devices and device combinations for use on EPA-designated SmartWay Trailers and SmartWay Elite Trailers. EPA-verified aerodynamic device(s) that achieve a minimum of 5% total fuel savings – used with EPA-verified low rolling resistance tires – qualify a 53 foot “dry” box or refrigerated trailer for designation as a SmartWay Trailer. Now as a new addition to the SmartWay program, device combinations that achieve a minimum of 9% total fuel savings – used with low rolling resistance tires – will qualify for designation as a SmartWay Elite Trailer.

While fleets can expect EPA-verified aerodynamic devices and SmartWay Trailers to be among the most fuel efficient, the fuel savings in real-world applications may vary.

This device system will be listed on the EPA’s verified aerodynamic product website at:

<https://www.epa.gov/verified-diesel-tech/smartway-verified-list-aerodynamic-devices>. This letter and the EPA’s online verified product listing may serve as demonstration of your device’s verification.

EPA has strict guidelines regarding the use of the SmartWay logo. SmartWay designation (and associated use of the SmartWay designation logo) is limited to manufacturers of heavy-duty tractors, box trailers, or passenger cars. Vehicle component technologies (e.g., trailer aerodynamic equipment) are not allowed to use the SmartWay logo for labeling purposes. If you have questions regarding these policies, please consult <https://www.epa.gov/smartway/how-apply-smartway-logo-your-smartway-tractors-and-trailers> or contact Joann Jackson-Stephens at jackson-stephens.joann@epa.gov.

Finally, if you're not already a member, you may wish to join the SmartWay Community. This is designed for businesses that share our commitment to reducing emissions and fuel consumption in freight movement. If you want to learn more about the SmartWay Community, read more at <https://www.epa.gov/smartway/become-smartway-shipper-partner> and Patrice Thornton, at thornton.patrice@epa.gov, can assist you with questions you may have regarding joining the SmartWay Community.

If you have any questions regarding your verification or the program, please feel free to contact our aerodynamic technology staff person, Arman Tanman, at email: tanman.arman@epa.gov. Thank you for your interest in EPA's Technology Verification Program.

Sincerely,

Karl Simon, Director
Transportation and Climate Division
Office of Transportation and Air Quality

Manufacturers of EPA SmartWay Verified Technologies

Communication Guidelines

October 2015

1. Purpose

This document outlines communications guidelines for Manufacturers of EPA SmartWay verified technologies. As a manufacturer of EPA SmartWay verified technologies, you play a unique role in the SmartWay® program. You manufacture the technologies that provide fuel saving and/or emission reduction benefits when used properly in their designed applications. These technologies are used by SmartWay Partners and other businesses to help support their performance goals. The purpose of this document is to provide you with information on communicating your organization's involvement in the U.S. Environmental Protection Agency's (EPA) SmartWay® Program.

11. Background

SmartWay classifies Partners as entities that commit to and achieve real emission reductions and fuel savings. EPA developed a Partner Mark, in the form of the SmartWay name and logo, for its Partners. The purpose of this mark is to create brand recognition so that the public will recognize these companies as energy efficient and environmentally cleaner. SmartWay needs to maintain the integrity of this name and mark by restricting its use for Partners only. This will help the public understand the meaning of the SmartWay program.

As a manufacturer of EPA SmartWay verified technologies, you indirectly contribute to our program goals, however technology manufacturers cannot meet the established criteria for SmartWay Partners and are not permitted to use the SmartWay Partner mark. In addition to the SmartWay Partner mark, EPA has established a SmartWay Designated mark and the use of the SmartWay designated mark is restricted to only those vehicles and equipment for which EPA has specified SmartWay performance criteria. This includes, to date: heavy-duty tractors, 53 feet or greater box van and reefer trailers, and light-duty passenger cars. Equipment labeling (or promotion) with the SmartWay designated mark is not allowed for verified technologies.

EPA SmartWay verified technology vendors are not able to place the SmartWay name, partner mark or designated mark on any products or materials. As a manufacturer of EPA SmartWay verified technologies, you are able to use EPA generated marketing materials that we can provide to you, or your own marketing materials with EPA-approved language. These materials provided by EPA and EPA-approved language are the only legitimate marketing materials you may use, and they may not be altered in any way. Further, you should not imply, in any way, that you are a SmartWay Partner or that your product(s) have been certified or endorsed by EPA.

111. Benefits

The EPA SmartWay “Verified Technologies” website includes a complete list of verified devices (including your product) that is updated regularly. This page not only informs potential customers that your product has been EPA SmartWay verified but, by being listed on this website, it also indicates that your product may be an eligible technology for qualifying funding requests under the Recovery Act and Diesel Emission Reduction Act (DERA) grant programs. The Verified Technologies page can be found at <http://www3.epa.gov/smartway/forpartners/technology.htm>

1V. Marketing Yourself as a Manufacturer of EPA SmartWay Verified Technologies

You are asked to do the following:

- Provide a link to the SmartWay website from your website.
- Inform and educate your customers about specific components of the SmartWay program and provide opportunities for EPA to communicate with your customers.
- Feature and promote educational materials about the SmartWay program.

As a manufacturer of EPA SmartWay verified technologies, you assist SmartWay partners (truck carriers, shippers, logistics companies) with meeting their goals of energy efficiency and emissions reductions. For this reason, you are encouraged to integrate information about the SmartWay program into your own marketing materials. The following marketing language is suggested:

- “Our company manufactures EPA SmartWay verified technologies. This type of technology is found on the SmartWay Designated Tractors and/or SmartWay Designated Trailers.”
- “The fuel saving and/or emission reducing benefits of our type of equipment has been verified by EPA’s SmartWay program.
- "Company XYZ supports the goals and mission of SmartWay."
- "Company XYZ manufactures EPA SmartWay verified technologies"

If you want to use a variation of any of the phrases above, or if you would like to use another phrase, please contact the SmartWay helpline at (734) 214-4767. If you want to issue a press release about your involvement in the SmartWay program, please consult with SmartWay first for review of the press release language for accuracy and appropriateness.

V. Use of Marketing Materials

The following marketing resources will help you promote your involvement with SmartWay.

- **SmartWay Graphic for Manufacturers** - There are two versions – one is targeted toward manufacturers of SmartWay verified tires and the other is generic. Both versions are available in various file formats. This graphic is scalable and may be used on printed materials, banners, posters, etc.



SmartWay Widget - This icon is recommended for promotional use on your company website.



Feel free to contact smartway_transport@epa.gov for the digital files, in different file formats.

VI. Conclusion

In summary, we reiterate the importance of characterizing your relationship with EPA SmartWay in an appropriate manner. Please adhere to the information provided in these guidelines. Any questions or comments may be referred to the SmartWay help line at (734) 214-4767.