



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Volvo Group Trucks

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Manufacturing

Member since April 2014

Management and Leadership

Environmental Policy Statement

http://www.volvogroup.com/sitecollectiondocuments/vghq/volvo%20group/volvo%20group/our%20values/environment/policy_environment_volvo_eng.pdf

Environmental Team

Our Environmental team is led by our Environmental Manager, Mark Pannell, and includes cross-functional resources within the team. Our mission is to focus on the Volvo Group Environmental Care vision – characterized by a holistic view, technical development, continual improvement, and resource efficiency.

Annual Environmental Goals

Volvo Group Trucks in Hagerstown is part of the Department Of Energy - Better Plants Challenge Program. Our initial commitment of 25% energy efficiency improvement by the end of 2020 was achieved five years early in 2015. Since then we have re-pledge for another 25% energy efficiency improvement by the end of 2025.

Volvo Group Trucks in Hagerstown received our Superior Energy Performance – Platinum certification in November 2014. This is a combined ISO 50001 / ANSI/MSE 50021 certification for an Energy Management System (EnMS).

Volvo Group Trucks in Hagerstown has set Key Performance Indicators (KPIs) to achieve improvements in Landfill tonnage, Energy consumption, Water consumption, CO₂ emissions, and Recycling efficiency.

Environmentally Preferable Products and Services

Volvo Group Trucks in Hagerstown develops and produces the cleanest heavy-duty diesel engine in the world. We were the first engine manufacturer to be 2010-certified by the EPA and the California Air Resources Board (CARB). Today, our 2014-certified engines focus on climate change, targeting Carbon Dioxide (CO₂), Nitrous Oxide (N₂O), and Methane (CH₄) with CO₂ reduction being the predominant objective. Meanwhile, the engines we produce are creating value for our customer by providing even greater fuel efficiency than anticipated.

Environmentally Preferable Purchasing

Volvo Group Trucks in Hagerstown utilizes reusable/returnable shipping containers for component and unit transports.

Independently-Audited Environmental Management System

Volvo Group Trucks in Hagerstown is ISO 14001 certified.

Waste

Solid Waste Reduction and Reuse

Through enhanced recycling efforts Volvo Group Trucks Hagerstown reduced waste to landfill by 38% between 2011 and 2013 and continues to work towards a landfill free goal.

Recycling

2015 Recycled materials and quantities:

Metal: 8,164,310 lbs.

Cardboard: 590,760 lbs.

Recycled Pallets and Wood: 1,872,000 lbs.

Single Stream: 236,440 lbs.

Universal Waste: 6,400 lbs.

E-waste: 5,150 lbs.

Used Oil: 5,918 gallons

Recycled Totes and Drums: 118,128 lbs.

Energy

Energy Efficiency

Volvo Group Trucks in Hagerstown continues to implement a variety of projects to reduce energy:

1. *Lighting System Retrofits: 1.33 million kwh conserved*
2. *Crankshaft Grinder replacements: 1.16 million kWh conserved*
3. *Flange Grinder replacement: 190,000 kwh conserved*
4. *Regenerative dynamometers utilization: 2.2 million kwh conserved*
5. *Condenser Pump VFD upgrade: 1.32 million kwh conserved*

Transportation

Efficient Business Travel

Volvo Group Trucks in Hagerstown utilizes Lync for video/audio conference calls and presentations to reduce the amount of international and domestic travel.

Profile Updated September 2016



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

