

California Seeks Glass Manufacturers' Input on Greenhouse Gas Emissions

The California Air Resources Board's (ARB) has issued a survey "for owners/operators of three of the glass sectors: container, flat and fiber glass" to evaluate the po-

tential strategies that the glass manufacturing industry can implement to achieve greenhouse gas (GHG) emission reductions.

Under Assembly Bill 32 (AB32),

the California Global Warming Solutions Act of 2006, ARB is required to adopt rules and regulations to achieve the maximum technologically feasible and cost-effective reductions of GHG emissions from sources in California. The overall mandate is to achieve 1990 GHG emission levels by 2020. According to ARB, "glass manufacturing plants are a source of GHG emissions. GHG emissions are emitted by: 1) direct emissions from fuel combustion, 2) direct emissions from raw material (limestone and soda ash) during combustion and 3) indirect emissions from electricity use."

Potential approaches in reducing GHG emissions from glass manufacturing plants were identified during a preliminary analysis and summarized in a concept paper available on the organization's website. A work group has been formed to support ARB's technical assessment of the potential strategies. The technical assessment will determine if the strategies are technically feasible and cost-effective.

▶▶ www.arb.ca.gov

The JEB Fleet Goes Green

J. E. Berkowitz LP (JEB) in Pedricktown, N.J., has partnered with the U.S. Environmental Agency (EPA) on the SmartWay™ Transport Partnership program to provide eco-friendly shipping and lessen its environmental footprint.

The SmartWay™ initiative was created in

2004 as a collaborative voluntary program between the EPA and the freight industry to address greenhouse gas emissions, fuel consumption, criteria pollutants and operating costs associated with ground freight transportations.

According to the EPA website, "Freight vehicles use approximately 20 percent of energy consumed by the U.S. transportation sector." The site further notes, "Ground freight accounts for 40 percent of the oxides of nitrogen emissions and 31 percent of the particulate matter emissions from transportation sources."

In order to become a SmartWay™ Transport Partner, a FLEET model must be submitted that meets a series of criteria including emissions, engine idling, aerodynamics, tires, low friction lubricants and average speed. Once deemed a partner, a SmartWay™ company commits itself to improve its total point score by 15 percent per year over a three-year period.

JEB is committed to improving the environmental performance of its transportation operations and, in turn, reduce negative emissions given off by its fleet. The areas JEB is researching to implement these new goals include: eco flaps to the trucks (a rain/mud flap for vehicles that increases miles per gallon); using only SmartWay™ approved tires on trucks; reducing driving speeds by 5 mph, which will lower emissions by 7 percent; and decreasing truck idling while cranes are in use.

▶▶ www.jeberkowitz.com



J.E. Berkowitz is working on a number of initiatives to make the transport of its products more environmentally friendly.

briefly ...

Kawneer North America in Norcross, Ga., has been awarded Cradle to Cradle™ (C2C) environmental product certification at the Silver level for its 1600 Wall System®1 and 1600 Wall System®2, InLighten® Light Shelf and 1600 SunShade®. C2C certification is an independent U.S. environmental certification process that can lead to LEED "Innovation Credits." ▶▶ www.kawneer.com