

100% American made wine bottles from coast to coast

Ardagh Glass Packaging in Madera:

Recent rebuilds of oxyfuel furnaces and investments in the packaging area to allow for more flexibility (bulk and case packing)

Uses control technology to reduce emissions of Nitrogen Oxide (NOx), Sulfur Dioxide (SO₂) and Particulate Matter (PM), as well as continuous emission monitor systems (CEMS)

Ardagh Glass Packaging in Port Allegany:

Recent furnace repair with upgraded low-NOx burners, as well as investments in the packaging area to allow for more flexibility (bulk and case packing)

Uses continuous emission monitor systems (CEMS)

- Built 1970
Two furnaces
- ~360 Employees
Our unions:
GMP/USW
- ~1 million glass
bottles
produced daily
- Serves the
wine market

- Built 1896
Two furnaces
- ~275 Employees
Our unions:
GMP/USW
- ~1 million glass
bottles and jars
produced daily
- Serves the wine,
spirits, food and
beverage
markets

Ardagh Glass Packaging (AGP) Major Projects:



Leveraging new technologies:

- Investments in predictive and preventative technologies to ensure consistent, reliable Quality for our customers
- Advanced inspection systems help detect and control variation in the glassmaking process, enabling us to deliver higher product Quality



Development Machine - Port Allegany:

- Whether creating a custom bottle, launching a new product or unveiling a small, limited-edition release, Ardagh's Development Machine provides a speed-to-market advantage for brand owners



Solar Project - Madera:

- Completion of a 13-megawatt DC solar project that will deliver renewable energy to the Madera production facility, accounting for approximately 20% of the facility's electricity demand

GLASS IS THE PREFERRED
90%¹
of grocery shoppers over the age of 21 choose to buy wine in glass bottles

PACKAGING MATERIAL FOR WINE

AGP ACCREDITATIONS

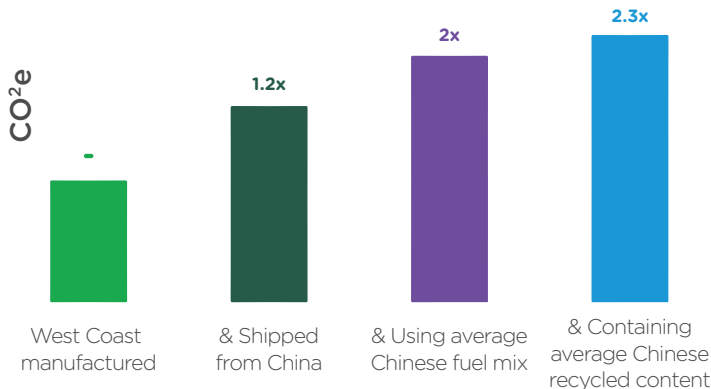
AGP Sustainability

Strategy highlights

	<p>Minimize our GHG emissions</p>	<ul style="list-style-type: none"> • ~45% recycled content (internal and external) in 2024 (average total for Madera and Port Allegany) • Use of electric forklifts throughout the Madera and Port Allegany facilities
	<p>Minimize our ecological impact</p>	<ul style="list-style-type: none"> • 2030 goal of achieving zero waste to landfill
	<p>Our people & our communities</p>	<p>Ardagh for Education in Madera and Port Allegany:</p> <ul style="list-style-type: none"> • Invested more than \$300,000 to date • 11 K-12 schools • 6 local school districts • 2 interns from area high schools during the last two years <p>Port Allegany's team participates in a community glass recycling program Madera's team served as judges at a local high school's student engineering competition</p>

Chinese Imports vs. West Coast Glass Wine Bottles

Chinese imports amount to ~2x's the GHG (CO²e) emissions as compared to glass wine bottles manufactured on the West Coast²



Partnership with CAP Glass

Ardagh Glass Packaging-North America has recently announced a new long-term partnership with CAP Glass to invest in establishing glass recycling services throughout the United States. The collaboration with CAP Glass, one of the nation's largest recyclers of glass, will divert tens of thousands of tons of glass from landfills by collecting, sorting, processing and recycling glass bottles and jars into cullet (crushed, recycled glass). Using new, state-of-the-art technology at CAP Glass, Ardagh Glass Packaging-North America will receive high-quality cullet that is critical for producing the premium glass packaging that we supply to brands throughout the U.S.

Footnotes:

¹EcoFocus Consumer Trends Survey 2024

²"China vs US Wine Bottle Carbon Footprint Results" study conducted by Eunomia and funded by the Glass Packaging Institute.