



Welcome! Thank you for your interest in **GreenAlloys™**.

At Concast Metal Products Co., we are proud to be at the forefront of the green movement by offering the next generation of regulatory-compliant alloys. These *alloys of the future* are free of the elements that threaten health and the environment, yet still perform in the manner for which they are intended – we call them GreenAlloys™.

GreenAlloys™ have extremely low lead content, often as low as 0.05 percent. Within these alloys, lead is replaced by other elements, but the product still offers exceptional lubricity, pressure tightness, wear, strength, hardness and machinability. Concast produces a full range of GreenAlloys™, many of which have also been certified as recycled content by Scientific Certification Systems. *Use of these particular alloys in a product or project qualifies for LEED (Leadership in Energy and Environmental Design) MR 4.2 credits through the U.S. Green Building Council.*

Since 1993, Concast has been the only foundry in the nation licensed to produce the **Federalloy®** series of lead-free copper alloys. In Federalloy, lead is replaced with bismuth in a special patented process, allowing the alloys to provide the same recyclable qualities but without the health risks associated with lead.

Concast is also a licensed producer of **Eco Brass®**. This lead-free alloy has physical and mechanical properties that provide excellent strength and corrosion resistance characteristics while still maintaining good machinability.

We produce and market continuous cast rod, bar and tubes for the North American market and maintain more than 875 standard product sizes in our 50,000 square foot warehouse.

Concast produces several **Standard GreenAlloys™** that range from aluminum bronzes to high tin bronzes. These alloys are recognized by the Copper Development Association and are manufactured to ASTM specifications.

Finally, Concast will work with engineers and specifiers to prototype and customize an alloy to meet their exacting standards. The production of **Custom Alloys** is a primary focus for Concast.

Additional information is available at www.greenalloys.com.

Please feel free to contact us at the following:

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