

Frequently Asked Questions

About CCPI Companies

Q. Can Consolidated assist in the temperature control of aluminum casting processes?

A. Consolidated is the world's largest producer of thermocouple protection tubes and thermocouple assemblies for the molten aluminum industries. Temperature measurement and control, and their application to melting and casting processes, is our specialty.

Q. Does Consolidated provide in-plant consultation and service?

A. Consolidated maintains a staff of Sales Engineers, Technical Service Engineers and R&D Engineers that visit aluminum casting facilities on a continuing basis. These Metallurgical and Ceramic Engineers are available worldwide for assistance.

Q. Are inventories and distribution of products available outside of Blanchester, Ohio?

A. Consolidated maintains warehouses in the USA and Europe, and has a fully authorized product inventory and distribution network around the world.

Q. Our production processes are unique. Do you offer customized products?

A. Consolidated casts, molds, and fabricates the majority of our products for molten metal processing and high temperature application materials to specific customer dimensions.

Q. Does Consolidated offer materials other than those listed on the web page?

A. Consolidated can provide a wide range of unique ceramic, refractory, and high-temperature materials via our own manufacturing capabilities as well as a network of selected suppliers to offer an unlimited selection of specialized products.

Q. What markets do you serve?

A. Metal processing applications served by Consolidated include primary aluminum reduction, all aluminum cast house operations, foundries, low-pressure die casters, high pressure die casters, copper and brass and bronze smelting and casting operations.

Q. What ceramic or refractory materials do you offer?

A. Consolidated provides a wide range of standard refractory materials as well as specialized technical ceramics. Products include fused silica, aluminum titanate, foamed fused silica and machined graphite. Consolidated also provides "Titan" electroconductive ceramic, machined hot-pressed boron nitride products and Sialon. We offer a range of pre-cast refractory shapes including fused silica, high alumina, silicon carbide and steel fiber reinforced high alumina products for extreme heavy duty applications.