Consistency in casting design and excellent dimensional reproducibility saves you money in machine setup.

**Engineering Assistance**

We are able to provide expert assistance in casting design, which can result in substantial cost savings, weight reduction, and greater production efficiencies for our customers. For example, we can convert costly weldments and hogouts to more cost-effective castings. This type of re-engineering can result in significant savings in a customer's production costs.

Our on-site pattern shop gives us more control over dimensions and wall thicknesses. This contributes to additional savings in scrap and setup time.
THE FINISHING TOUCH

What sets Curto-Ligonier apart from other foundries is our ability to achieve exceptionally high-quality surface finishes on sand cast parts, which typically have rough surface finishes. Often, our castings are mistaken for investment or die castings because of their superior finish. This can improve the appearance of a finished assembly that uses a variety of casting methods.

Curto-Ligonier castings are characteristically very fine grained and free of the visible porosity that affects many casting buyers. This quality makes our castings suitable for the most stringent medical, laboratory, food processing, aviation, or aerospace applications.

These very fine surface finishes are a result of water-free binding agents used in the mold and core making process, and technologically advanced rotary degassers used in the melting process. The end result is a very high-quality, cost-effective casting.

Most customers find that Curto-Ligonier castings significantly reduce their finishing costs as a result of savings in machining and paint preparation. This cost-effectiveness has earned us a loyal following for over 50 years.

Curto-Ligonier is D199000 Certified for aircraft work.

ASTM 155 Standards for Porosity:

CURTOLIGO CASTING TECHNOLOGY TRADITIONAL SAND CASTING TECHNOLOGY
ONE CHOICE

Curto-Ligonier has the facilities to provide rapid turnaround, stability, and on-time delivery. Our on-site pattern shop, automatic core making equipment, automatic molding and handling systems, and certified heat treating facilities make us unique in the industry.

We are equipped to handle shell, CO₂, and chemical set processes, and use non-aqueous bonded sand to produce the highest quality finishes.

Our physical and chemical laboratories and penetrant inspection facilities are all certified for military and aerospace applications. This assures high quality commercial work as well. Curto-Ligonier employees are trained through the American Foundrymen’s Society.

Our facilities, in combination with our capabilities, offer our customers a unique blend of technology and expertise. When you need aluminum or magnesium sand castings with an exceptionally fine surface finish—and the best service in the business—we know you will find us to be the best choice.

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