

Robertson Review



Welcome to our Newsletter

Welcome to the first edition of Robertson Review, Joseph Robertson Foundries' quarterly newsletter with pertinent information about brass, bronze and aluminum casting, as well as updates on developments at JRF. Future issues will focus on processes, technologies and services that are providing casting solutions for our clients. We'll also offer insights on why JRF's combination of experience, knowledge and flexibility make us the first choice for castings from 1 ounce to 100 pounds.

We hope you enjoy our newsletter and we look forward to your comments or suggestions.

Integrated Quality Assurance Process Provides Benefits to Customers

At JRF, quality control is not simply checking parts after they are completed to make sure they meet specifications. Quality assurance is a total process that dominates production from start to finish.



Our integrated approach to quality assurance is built on the ISO 9001:2008 certified quality management system. The ISO 9000 family of standards represents an international consensus on good quality management practices. Intertek just completed our ISO 9001:2008 surveillance audit and found just one minor non-conformance.

A starting point for the quality assurance that we offer each customer is our experience in the casting business. We've been casting quality components for more than 50 years, giving us the knowledge to fully understand our customers' requirements. David Temple, president, has been involved with the company for more than 35 years. Many of our production employees have more than 10 years of experience with us.

Our experience in the industry has helped us create a vast reservoir of technical knowledge. We use this knowledge to work with our customers from start to finish to ensure satisfaction with the finished product. This includes reviewing general component geometry, parting lines and machining allowances for proposed castings. We use this information to create 2D mock up drawings or 3D models of parts. These steps ensure that we have engineered quality into the component before we begin production.

Proper production requires correct casting equipment performance. Recently, we standardized all of our indicating pyrometers to assure melt control.

Following production, we utilize a variety of processes to verify that components meet the established specifications. These quality control processes include pressure testing, X-ray certification, and mechanical and chemical testing. Inspection control of machining activities is completed with an onsite coordinate measuring machine, as needed.

All of these quality steps result in top-quality components. For example, one of our new customers tested his electrical assembly for earthquake suitability. The product included the assembly of two machined castings that we supplied. Following testing, the product was 100 % certified as meeting and exceeding the Seismic criteria.

We also launched a new intake manifold for the automotive after market. The manifolds were heat treated and passed all dynamometer testing.

These are just a couple of illustrations of how our integrated quality assurance process helps customers achieve their goals.

New Website Highlights Marketing Initiatives at Robertson Foundries

Providing quality castings is the most important element in our approach to business. But you can't run a successful company if customers and prospects don't know about your expertise. To meet that need, we recently launched our new website, www.jrf.ca, as part of an enhanced marketing effort. This newsletter is another facet of our marketing plan as well as an increased advertising presence in major casting industry trade media.

Expert photography is the centerpiece of the new website. Photos shot on location at our facility bring the home page alive with images of our employees at work. The site also features metal casting case studies with examples of our castings for automotive applications, high- and low-voltage applications and high-pressure fluid handling parts.

The new website also makes it easy for customers to request a quote for a metal casting project. The contact page has a simple-to-use system for uploading of schematics or other types of specifications and drawings.

We look forward to making more people aware of our capabilities and we are always available to answer questions about how we can provide casting solutions. ☺

