



Exciting News from Ballard Brass & Aluminum

Moving to our new Seattle premises has enabled us to invest in additional equipment to make Morel Industries one of the leading **One Stop Foundry** facilities on the west coast. We are excited to bring you details of some of the recent upgrades and service improvements that you can now take advantage of with Morel Industries Inc.

Heat Treat Services

We have added in-house heat treatment of aluminum casting alloys. Subjecting your castings to tempering, quenching, and age hardening will enhance casting properties making them stronger and less prone to metal fatigue. With the addition of our new heat treat equipment, turn-around times have been greatly reduced. Heat treat services are conducted by:

NW Porosity Sealing & Heat Treat, LLC
A Morel Industries Company

Casting Sealing & Impregnation

Morel Industries are fast becoming one of the leading west coast companies for casting impregnation. Many companies are now finding they can turn their regular castings into high-pressure-ready components, and at very affordable and cost-effective prices, too! Why not consider adding high-pressure-ready castings to your product line and expand your markets.

NW Porosity Sealing & Heat Treat, LLC
A Morel Industries Company

Morel Industries - Your Best Bet for One Stop Foundry Services in the Pacific Northwest

Sand Foundry Upgrades

A Beardsley-Piper automatic molding machine, and Osborn Rotolift molding machine will be added to our current sand foundry capabilities. With these two additions we have added more capacity to our sand system. A Hartley Sand Control system has been installed and will automatically improve the quality of the castings and their structure. By June we will have the most consistent molding sand - probably the most important factor of your castings.

No-Bake Foundry Upgrades

Our no-bake line will be enhanced for greater productivity as well. We will be changing over to a wider roller conveyor system to handle larger molds and expanding the line for greater mold capacity. It was decided to shut down our two large cope and drag machines in the sand foundry and move those patterns over to our no-bake system which handles larger molds much more efficiently. These No-Bake upgrades can only mean one thing: increased quality castings and service for you.

Remember! Our Expansion and Equipment Upgrades Mean Faster-Than-Ever Thru-Put For You

Additional Melt Capacity

We now have two induction furnaces in our new facility. This will greatly help throughout the transition process from our old premises, and ultimately will expedite the melt process and produce faster thru-put of most products. And with the addition of the second furnace, it gives us some of the largest pouring capacity in the Pacific Northwest.

Expanded Cleaning / Finishing Room

With new molding & sand equipment, our finishing department capacity will also be improved. Many foundries overlook this, but not at Morel Industries. More equipment has been added as well as extra staff to ensure superior quality is maintained. This will greatly increase the thru-put of products from pre-production to delivery.

Remember! Porosity Sealing & Heat Treat Services Now Available In-House

**Welcome To
Morel Industries
Seattle, Washington**

Quality Assurance

Our expansion has also resulted in an improved QA Department. This, we feel, is a huge step in our endeavor to offer the best possible products and services to our customers. The need to expand has been fueled by the success of our customers, and the quality we have provided them. We all take our jobs very seriously, just as we do the quality of the product we ship to our customers. Our QA dept. will ensure the reliability and service of Morel Industries - to you, our customers.