

QUAKER CITY CASTINGS

**Steel Castings
Iron Castings
Machining**



310 East Euclid Avenue, Salem, OH 44460

*Superior Quality
Unequaled Versatility*

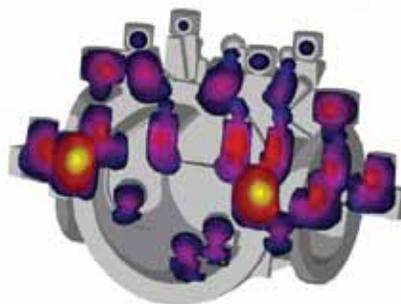
A World Class Supplier to Industry



What we do

Quaker City Castings is an **ISO 9001:2008 certified, HUBZone approved**, ferrous no-bake sand foundry and machine shop. We produce castings in a wide variety of materials including **gray and ductile iron, stainless steel, carbon steel, wear-resistant and heat-resistant steel**, and **various high alloy materials** including hastelloy, inconel, monel, duplex steel, supertherm and more.

Our dedicated quality control staff ensures that our castings are produced to specification every time. We use the latest solidification modeling and software to predict and prevent problems before a single mold is poured.



Snapshot of solidification modeling process



Who we serve

Quaker City Castings serves a worldwide customer base from North America to Europe to Asia (and more). Some of the industries we serve include:

- Pressure Vessels (Valves and Pumps)
- Power Generation
- Locomotive
- Drilling and Mining
- Bridge and Crane
- Tire
- Automotive and Construction Vehicles
- Steel Mill
- Chemical Processing
- Tool and Die
- Agricultural Equipment

Our staff makes it a priority to understand the needs of our diverse customer base so we can provide the very best materials and castings to fit their company's high demands.

Locomotive



Aerospace



Valve and Pump



Power Generation



Engineering Construction



Molding & Melting



Quaker City Castings produces sand molds using the AlphaSet no-bake molding system, giving us great dimensional flexibility as well as the ability to pour castings up to several thousand pounds. We can produce **steel castings up to 5,000 lbs.** (2,722 kg) and **iron castings up to 12,000 lbs.** (5,443 kg). All melting is accomplished using a combination of channel induction furnaces and coreless induction furnaces.

QCC stores customer patterns in a separate facility away from the daily operation of the foundry. If necessary, we can produce patterns according to your blueprints.



Our double door table blast allows quick and efficient processing of castings.

Quaker City Castings can heat treat castings up to 1,900°F.



Centrifugal Castings

In addition to our no-bake molding operation, we also produce centrifugal castings and machined parts. Some of our finished parts include various ring products for the automotive industry, seals, bushings and cylinder sleeves.

We can produce centrifugal castings up to 13.1" (333 mm) outside diameter. **Our materials versatility allows us to produce specialty ferrous metals in grades that can be rare in the centrifugal casting world, including monel, various grades of high alloy steel, and high nickel materials.**



Our big bore lathes can finish-machine centrifugal castings up to 8" diameter.



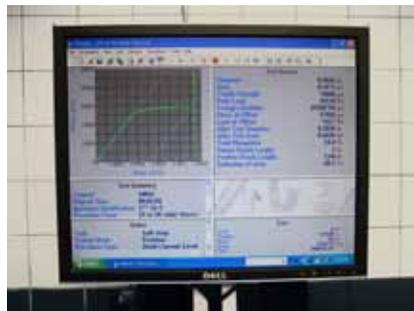
Technically Speaking



Computerized monitoring of heat treat cycle.



Dimensional accuracy measured with the FARO Edge.



Our lab is equipped with state-of-the-art tensile testing equipment.

Quaker City Castings is an ISO 9001:2008 certified company. We know rigid quality control is paramount to our customers, and we expect no less from ourselves. Superior equipment and knowledgeable employees are the keys to our outstanding record of quality.

Quaker's high internal standards require us to adhere to strict testing and quality control procedures, beginning from the planning stages all the way through final inspection and shipping. **Quaker City Castings is always willing to take additional steps in testing and QC procedures in order to satisfy even the most exacting customer requirements.**

We operate a fully-equipped materials testing laboratory with spectrometers, carbon and nitrogen determinators, and hardness and tensile testing machines. We also maintain an on-site NDT facility for in-house magnetic particle and liquid penetrant testing. In addition to our in-house NDT capabilities, we maintain close relationships with fully certified X-ray and ultrasonic testing vendors in our area for third-party certification.



Service

We take enormous pride in having satisfied customers. Our constant goal is to exceed customer expectations by keeping lead times low and quality high. The bottom line is that we are experts at producing steel and iron castings, and we should be: We've been doing it since 1932.

Contact

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Quaker City Castings has added an additional 168,000 square feet of industrial space to supplement our production capacity. We now have 278,000 square feet under roof.



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