



**BQC
FOUNDRY**

**WHERE CRAFTSMANSHIP
MEETS INNOVATION**



BQCfoundry.com

OUR SERVICES

Manufacturing

Comprehensive manufacturing solutions tailored to our customer's requirements. Our skilled workforce and modernized foundry allow us to consistently produce durable, high quality castings.



Molding

Using state of the art DISA equipment, we focus on dimensional accuracy, surface finish uniformity, consistency, and efficiency.

Casting

Casting is the heart of our operations. We transform molten metal into precision cast parts with expertise that strives to meet our clients' needs.



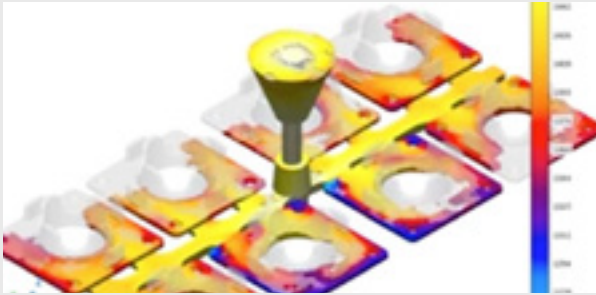
Melting

The focus on quality continues in the melt shop. Alloy chemistry is carefully monitored and temperature control is optimized for pouring.

Cleaning

A casting is only as good as its finish. After casting, each component undergoes a thorough cleaning process to remove excess material and achieve a smooth finish.



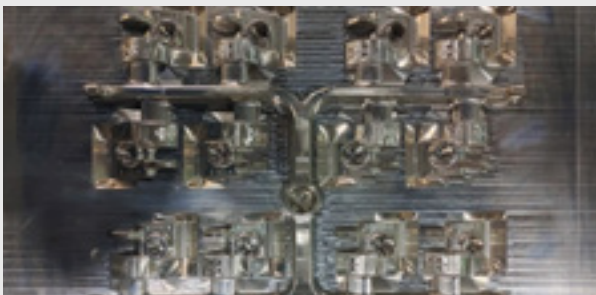


CAD & Simulation

We strive to prevent problems before they begin. Utilizing industry leading software ensures compatibility and foresight with most major electronic drawing and model submission formats.

Pattern Shop

Where design comes to life. Every curve, angle, and dimension is machined to an exacting standard. The patterns are durable and will deliver years of consistency.



CNC Machining

Our in-house pattern shop allow us to meet your needs with accuracy, efficiency and adaptability.

Cores

Creating internal cavities and complex external forms in casting, our expertise ensures that cores are properly designed and positioned for the intended geometry.



Environmental

Dedicated to a safe workspace and a clean community, we continually strive to lessen our environmental impact. BQC has implemented waste minimization, reuse, and recycling programs to help prevent pollution.

CASTING SOLUTIONS FOR MANY INDUSTRIES



MEDICAL

BQC Foundry specializes in high-precision, quality manufacturing for critical medical devices such as MRI, X-ray, CAT scan, and dental equipment, adhering to strict regulatory standards. We invest annually in our facilities and systems to produce safe, effective medical device components.



MILITARY & DEFENSE

In the military and defense sector, BQC Foundry provides essential castings for weaponry, vehicles, and missile systems, emphasizing quality, reliability, and security to meet the sector's stringent demands and enhance national security.



COMMERCIAL & INDUSTRIAL

BQC Foundry meets commercial and industrial manufacturing needs by producing high-quality castings. Our focus on precision and collaboration ensures we meet industry standards and build lasting relationships with clients and suppliers.



AUTOMOTIVE & ELECTRIC VEHICLES

BQC Foundry caters to the automotive and EV sectors, focusing on material selection, quality control, compliance, and intellectual property protection, adapting to these industries' evolving needs.



GAS & OIL

Specializing in the oil and gas sector, BQC Foundry offers high-quality castings for fluid transport, pipeline fixtures, and temperature management systems. Our commitment to material excellence and industry standards ensures durable, safe, and dependable solutions.



DESIGN

From consultation to CAD and Simulation, prevent issues before they arise with a specialized solution



MOLD

Green sand molding is adaptable and versatile for intricate designs demanding accuracy, with automatic robotic pouring for consistency



MELT

Furnaces for projects of any scale, with consistent temperature control, to ensure perfect metal composition alloying to ensure perfect metal composition



FINISH

Cleaning with tumble blasts, grinders to remove access materials, and chemical, physical, and nondestructive testing every step of the way

BQC FOUNDRY



CRAFTMANSHIP MEETS INNOVATION AT BQC FOUNDRY

BQC Foundry is dedicated to improving the lives of the people we connect with – our customers, our workforce, and our community through the manufacturing of high-quality aluminum sand castings.

BQC Foundry's investments in technology and skilled personnel have expanded our capabilities. Trust in our experts for high-quality castings underpinned by deep industry-specific knowledge. Backed by decades of hands-on experience, our thorough solutions address the unique and challenging needs presented by a variety of industries."



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BQC Foundry
402 Schaeffer Road
Lebanon, PA 17042
717-272-9775
www.BQCFoundry.com