



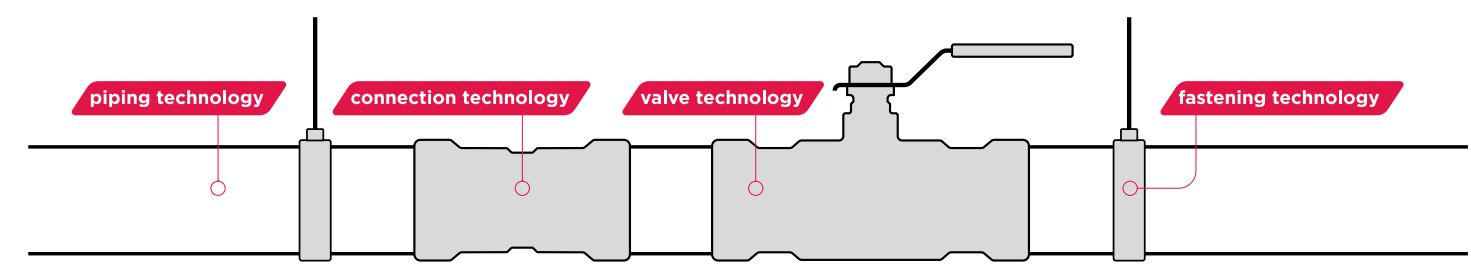
conway foundry

Since the inception in 1975, Aalberts is where technology matters and real progress can be made - humanly, financially and environmentally. At Aalberts, we create mission-critical products surrounding valve and connection technology supporting our brands, Apollo Valves.

The manufacturing of Consolidated Brass Company (later called Conbraco) began in 1928, in Detroit, Michigan with a focus on ball cocks, air cocks and similar products. In 1955, the manufacturing operation moved to the Carolinas spanning North and South Carolina with 3 facilities. In 2010, Aalberts, a global Dutch company, purchased Conbraco. Today the Apollo Valves brand is manufactured under the company name, Aalberts integrated piping systems, in 3 locations throughout South Carolina. Over the last 90 years the product portfolio has continued to grow to encompass ball valves, butterfly valves, safety relief valves, control valves, mixing valves and backflow preventors.

These systems are applicable for key verticals such as residential, commercial, industrial, and utility. Our products are designed and developed by our team of innovators and engineers. Our design services team can assist in helping you determine the best techniques for your application with our products. We are the only company that truly offers customers a complete solution every time that is made and sourced from the same organization.

Don't just buy products, buy solutions.



Aalberts integrated piping systems
10715 sikes place / suite 200 / charlotte / NC / 28105
aalberts-ips.us



CONWAY/FOUNDRY 02/23



foundry capabilities

state-of-the-art 170,000 square feet steel and alloy foundry

investment casting

- weights from 1oz to 50lb
- castings up to 2' x 2' x 2'

air set/no-bake sand casting

- weights from 2lb to 5,000lb
- castings up to 45" x 50" x 30"

tooling & design

- on-site Investment and no-bake tooling production
- in-house tooling design
- casting process mold filling and solidification modeling

melt & pouring

- melting capacity: 40 tons daily
- metallurgical lab: optical emission spectrometer, c/s and n/o analysis, microstructure analysis
- chemistry control for optimizing corrosion resistance and mechanical properties
- mechanical properties testing: tensile, hardness, impact toughness
- traceable heats

cleaning & finishing

- automated and manual blast, cutting, grinding, and welding

heat treatment

- vacuum heat treatment furnaces with liquid nitrogen quench
- processes: solution annealing, normalizing, quench and temper

quality

- ISO 9001 certified
- CE/PED certified
- continuous process improvement practices
- real time x-ray
- certification of alloy chemistry and mechanical properties (MTR)



WAX MOLD



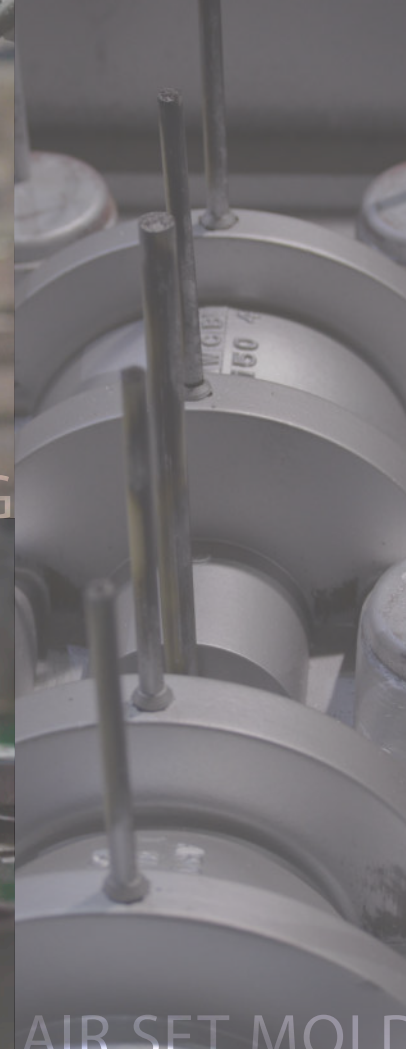
CERAMIC SLURRY COATING



DE-WAXING



FIRING



AIR SET MOLD



MACHINING



TESTING & INSPECTION



ASSEMBLY

"Apollo" advantage

- American manufacturing and steel production*
- competitive delivery times
- factory responsiveness
- high quality material made from certified ingot
- high alloy materials readily available
- 5-year warranty*
- same top-works design for 3-piece, flanged, and top entry valves
- "buy american act" compliant



alloys available

- WCB carbon steel
- LCC carbon steel
- CF8M stainless steel
- CF3M stainless steel
- alloy 20
- duplex | super duplex
- hastelloy®
- nickel
- monel®
- bronze | lead free bronze
- 85-5-5-5 bronze

