



Food & Beverage Portfolio

Upgrades to Brewery Transfer Lines

About Us

Since 1985, High Purity Systems has provided precision welding, quality piping installation and fabrication solutions to the industrial sector. High Purity Systems delivers value and responsiveness to meet the ever-changing needs of our clients. Expertise includes Class 100 Clean Room orbital welding, onsite piping installations from stainless steel to carbon steel, piping fabrication shipped nationally and custom prototyping.

Contact Us

8432 Quarry Road
Manassas, VA 20110
www.HighPurity.com
contact@HighPurity.com
(703) 330-5094

The Challenge

HPS has been a leader in sanitary process piping systems for over 30 years, and one of our favorite types of customers is beverage production plants. Recently, an award-winning microbrewery needed a mechanical contractor to modify and add transfer lines to their production facility.

The job was multifaceted, requiring uphill and downhill stainless transfer lines, CIP system piping, adding sanitary ferrules for existing piping, equipment and piping racks, structural steel legs for an outdoor piece of equipment, and piping insulation. The customer chose HPS for this complex project after another local Brewmaster referred us for our diverse mechanical capabilities, quick response time, and knowledge of the various piping systems.

The Strategy

Our team knew it was important to limit any impact on the brewery's production, so we decided to detail and prefabricate many of the modifications off-site in our piping fabrication shop. Using an orbital TIG welding machine, our certified ASME Section IX welders fabricated the piping out of 304 and 316L stainless steel to meet 3A sanitary standards for the food and beverage industry.

We completed the final installation on a day the bottling crew was not working. Having previously fabricated the piping allowed us to come to the owner's site and quickly make the new modifications with minimal disruption to their daily operations.

The Result

Our team was able to complete the project in two weeks, and exceed the customer's expectations in the process. In fact, on our last day of work, the owner asked if we also did steam piping and glycol piping – the answer was a resounding yes! We were proud to be selected as a trusted partner in the tight-knit brewing community and we look forward to many more projects to come.

HPS not only performs sanitary welding of process piping systems, but also carbon steel for steam lines and glycol systems, copper piping, PVC plastic, non-process systems, custom parts such as sanitary hoses, and tank rigging services.



As your brewing, distilling, or winemaking facilities grow and evolve, remember that quality and doing it right the first time are the keys to reducing costs and downtime. Whether on-site installations, off-site custom fabrications, or general facility maintenance, we are here to help!

