

FIELD REPORT

PP-RCT: FORWARD-THINKING FOR FAST-GROWING BREWERIES



High performance, corrosion-free pipe installed at innovative Ponysaurus Brewing Company

Craft Beer Revolution

Gone are the days of corporate-owned, standard-flavored beers. Craft beer is now the hottest trend in the alcoholic beverage industry and shows no signs of slowing down. Thousands of independent microbreweries across the nation are willing to break the mold of traditional brewing in order to satisfy the most curious taste buds of staunch beer advocates. Whether it be through eccentric recipes or innovative systems, the game of craft brewing is continuously evolving.

The Growth of Ponysaurus

Based in Durham, NC, Ponysaurus is an innovation oriented, against the grain type of brewery with intentions to grow and hop to new heights in the craft beer world. Owner/Brewmaster Keil Jansen and his team of craftsmen recently packed up and relocated in October of 2015 to a larger 6,000 sq. ft. warehouse, east of the Durham Bulls Athletic Park. Thanks to the move, Ponysaurus has been able to increase capacity, going from producing 180 barrels a year to upwards of 1,900.

The Need for Improvement

With expansion comes improvements, and Ponysaurus Brewing Company was due for an upgrade. Their production system needed a new piping solution to keep up with their growth and demand. As Ponysaurus completed their move to a more expansive warehouse, they were faced with a problem. Ponysaurus, like thousands of other breweries, used glycol to control the temperature in their vats during the fermentation process.

They needed a pipe system that could connect the chillers to the vats to be able to withstand a glycol/water mixture at temperatures below 32°F. Copper brings hefty costs and loq-quality installation, while CPVC is connected using glues that have been reported to react with the glycol, weakening the joints and potentially causing leaks.

Enter, the leak-free, low-cost alternative solution of PP-RCT.

PROJECT

Ponysaurus Brewing Company

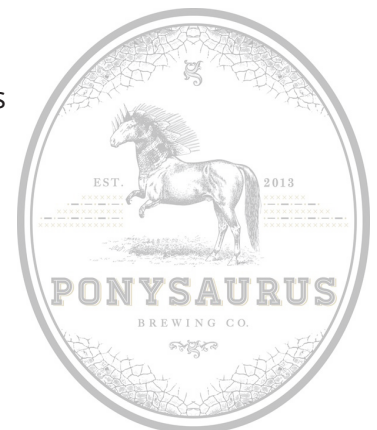
LOCATION

Durham, North Carolina

THE NEED

A high-performance pipe system to carry glycol from chillers to fermentation vats without leaks and corrosion commonly found with copper, steel, ABS, PVC, and CPVC systems.

ISCO PP|RCT





"Heat fusion means no need for joints, glues, or solvents, ultimately leading to a more solid pipe."

PP-RCT Solution

PP-RCT provides many advantages over traditional piping. Its unique design using heat fusion makes installation simple. Heat fusion means no need for joints, glues, or solvents, ultimately leading to a more solid pipe. With its pragmatic design, PP-RCT is the sustainable maintenance- and leak-free alternative to traditional piping systems.

That's not all. ISCO provides lower cost solutions by training brewery owners to become hands on by getting get involved with heat fusion and assisting with installation.



Craft brewers across the nation are looking for improved piping options to replace solder and glue joints. PP-RCT is that improvement. ISCO delivered a state-of-the-art product with indefinite life and high performance. Ponysaurus is one of the first microbreweries across the U.S. to make the switch to polypropylene, setting

an excellent example for other breweries in North Carolina.

The objective was to eliminate leaks and corrosion that cause costly downtime. The success of craft brewers is predicated on creativity and innovation. This now extends from their hoppy products to their high-performance production system.



ISCO

100 Witherspoon Street
2West
Louisville, KY 40202
800-345-4726