

FIELD REPORT

PP-RCT: A SOLID SOLUTION FOR BUDDING BREWERIES



Durable, corrosion-free pipe installed at innovative Free Range Brewing Company

Free Range Brewing

Craft beer brewers are taking their love of beer and turning it into a businesses across the country. In North Carolina, brothers Jason and Jeff Alexander having been hitting the festival circuit with the beer they brewed at home. Now, they've built a brewery to share their creations with their community. But, going from home brewers to businessmen means a lot of research, challenging the status quo, and choosing cost-effective solutions.

The Problem with the Status Quo

Free Range, like every other brewery, uses glycol to control the temperature of their vats during the fermentation process. They needed a pipe system that connects the chillers to the vats that can withstand a glycol/water mixture at temperatures below 32°F. Traditionally, brewers have chosen copper or CPVC pipe systems. Copper comes with a high price tag and poor insulation. There is some evidence that the glue used to connect CPVC can react with the glycol weakening the joints. Free Range needed a pipe that wouldn't introduce

particles into the glycol. They heard about a nearby brewery using PP-RCT from ISCO Industries and decided to look into it.

PP-RCT Solution

ISCO Industries sales rep Deron Zeppelin offered the brewery a cost-effective, leak-free PP-RCT solution. PP-RCT is a monolithic system that handles cold



temperatures with ease. It is corrosion-resistant, leak-free, maintenance-free, and easily installed. PP-RCT is joined via heat fusion, eliminating the need for glues or solvents.

Typically, breweries use 1-inch and 2-inch pipe and fittings. Free Range has tall ceilings

which required drops with valves. The installation is so easy, the owners were able to help with the fusion. When your project is your passion, being able to get hands-on with every aspect of the construction.

Now, they can say they helped build the system that will last them as long as there is beer to be brewed.

PROJECT

Free Range Brewing Company

LOCATION

Charlotte, North Carolina

THE NEED

A 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

