



SHOWCASE

**SPEARS® LABWASTE® CPVC
CORROSIVE DRAINAGE SYSTEM**

WALKER WHITE INC.

MASSIVE PROJECT CHALLENGE

Recently, construction completed on a 1.2 million sqft brewing and packaging facility for a major brewing company, in Richland County, South Carolina. Output is expected to produce 80 million cases per year to meet consumer demand for ready-to-drink beverages. The facility infrastructure was designed to have **3 miles (15,840 ft.) of underground corrosive waste drainage piping** which demanded use of a durable, long-lasting piping product and a Mechanical Contractor with the experience and knowledge to take on this type of ambitious project.

THE RIGHT MECHANICAL CONTRACTOR

Choosing a mechanical contracting firm with experience to complete a project of this magnitude is challenging. Walker White Inc. was selected for their experience, knowledge and commitment to excellence with a focus on exceeding customer expectations. With over fifty years of experience in providing unmatched mechanical construction services, Walker White provides a fully staffed engineering department, fabrication capabilities and skilled project management team - Walker White Inc. was the perfect choice for this piping installation.

A RELIABLE DRAINAGE SYSTEM

The piping system had already been specified and approved by the engineering firm and building owner. The piping specifications called for a corrosive waste drainage system that offered several features and provided a value engineered solution. The **LABWASTE® CPVC Corrosive Waste Drainage System** from Spears® Manufacturing Company was chosen for its exceptional resistance to elevated temperatures (up to 220 °F), compatibility to a wide range of chemicals and excellent corrosion resistance compared to metal piping. This project required a range of pipe from 2" through 16" that was easy to work with, install and put into operation quickly.



LabWaste® **CPVC Corrosive Waste Drainage System**

William Fudger, Project Engineer for Walker White, was tasked to oversee this project, keep everyone on task and maintain a strict schedule and budget. After working closely with Spears® on his installation deadline, Mr. Fudger commented on his experience working with Spears® Manufacturing Company:

“Our major installation obstacle was the aggressive project schedule and the availability/lead times of the product. With the size and scale of the piping installed (15,000+ feet of U/G pipe in 3 months!), of which 98% was 6”-16”, it was essential to have a system that was reliable and quick to install - Spears® met that criterion. If a different product had been selected, the deadlines would not have been met.”

With a focus on budget, the Walker White team enjoyed an additional benefit from installation efficiencies providing lower overall piping system cost.

Mr. Fudger emphasized that...

In comparison to Service Weight Cast Iron products, the installation time was reduced significantly. I would say the installation period for 8” and below sizing would be 50-60% of that of SW cast iron. As the sizes go up, the time savings would increase significantly. The size of the piping installed on this project was 2” up to 16”. The savings was at least 25-50% compared with a different manufacturer/material of piping.” and...

“Every head pressure test inspection passed with no leaks. We did not have to cut out any fittings, which was critical in meeting the schedule as well.”



INSTALLATION TRAINING MATTERS

With advances in piping technology, Walker White requested installation training from Spears® because they know training matters and is critical for installation success. Our Field Technical Representatives are available for on-site support before, during and after each project and, installation training is offered free-of-charge.

“Augie Benfante (Spears® Technical Rep) provided our crew with training and also onsite follow-up visits. The training was thorough and effective. While the basic principles were not foreign, it was important that everyone received specific guidance, as this was our first experience with SPEARS® LABWASTE®. Augie visited the project several times throughout the installation process to make sure the installation techniques were on track and he was a resource for any questions we had.”

William Fudger - Project Engineer



A COMMITMENT TO EXCELLENCE

As with any major piping project, material costs, product availability and installation expertise all play a critical role in the success of a project. Choosing the right piping system is critical when demanding schedules must be met and cost over-runs contained. Spears® Manufacturing Company offers a single source approach with quality products, availability and on-demand installation training that is free-of-charge - all offered as our commitment to ensure the success of your next project.

MANAGING PROJECT EXPECTATIONS THE WALKER WHITE WAY



SPEARS® MANUFACTURING COMPANY

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