

Gorilla Glue Testing and QA Laboratories

Cincinnati, OH

Construction Completion: 2016
Size: 9,400 SF
Construction Cost: \$1,300,000
Tri-Tech Services: MEP Engineering

Project Description

Relocating to a new headquarters, the Gorilla Glue Company needed part of a purchased building renovated for its new Testing and Quality Assurance Laboratories.

Tri-Tech entered the project early in the design phase. Working with the owner and architect, Tri-Tech assessed the existing building and coordinated equipment needs for the new lab space. Tri-Tech worked to determine quantities, locations, and utility requirements for new and existing relocated equipment. Tri-Tech's team used the new casework layouts, which would be installed in the space, to specify correct utility infrastructure.

Tri-Tech evaluated the existing building's utility infrastructure to determine how best to integrate existing equipment into the new design. Tri-Tech evaluated the medium voltage electrical substations, along with the existing chiller and boiler systems' capacity and condition. Working with the owner, Tri-Tech developed designs utilize the existing building's infrastructure while ensuring follow through on the owner's requests for new equipment and safety requirements.

Following its evaluation, Tri-Tech delivered a design that included new roof-mounted HVAC equipment with specialized controls to monitor and control laboratory temperature and humidity. The owner required these controls to ensure safety for the company's chemists and personnel working with in the space. Tri-Tech's design also included new eyewash and shower systems.

Working with the owner and contractors, Tri-Tech ensured correct operation of the HVAC system, verifying it achieved performance criteria.

