

Gorilla Glue Testing and QA Laboratories

Cincinnati, OH

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

Project Description

As a part of their relocation to new headquarters, The Gorilla Glue Company required a renovation of the building they had purchased in order to create new Testing and Quality Assurance Laboratories.

Tri-Tech was brought onto the project early in the design phase, where we worked with the owner and architect to coordinate equipment needs for the new lab space. Specifically, Tri-Tech worked to determine quantities, locations, and utility requirements for new and existing relocated equipment which would be located in the space. Additionally, this required coordination with new casework layouts which would be installed in the space, in order to specify correct utility infrastructure within the new casework.

For the project, Tri-Tech worked to evaluate the utility infrastructure for the existing building in order to determine how best to integrate the existing equipment into the new design. This included evaluation of medium voltage electrical substations, along with capacity and condition of the existing chiller and boiler systems. New design included new roof-mounted HVAC equipment with specialized controls to monitor and control temperature and humidity within the lab space due to specific owner requirements as a result of the chemicals and products they are working with in the space. New eye-wash and shower systems were required as well.

Following completion of the design, Tri-Tech worked with the owner and contractors to ensure correct operation of the HVAC system in order to verify the performance criteria was achieved.

