

WPAFB Bldg 10271 Commissioning

Wright-Patterson Air Force Base, OH

Commissioning Completion: 2017
Size: 23,500 SF



Project Description

Wright-Patterson Air-Force Base (WPAFB) replaced the HVAC equipment and controls in its Building 10271. Commissioning services needed to be conducted prior to WPAFB's acceptance of the equipment replacement. Tri-Tech worked with WPAFB and the installing contractor to provide commissioning services, including design analysis, pre-installation testing, equipment submittal reviews, and post-installation testing.

As part of its commissioning services, Tri-Tech designed and implemented all testing checklists. Tri-Tech's comprehensive testing checklists included inspecting the air-handling unit installation and overall equipment performance, ductwork installation, return fan, VAV equipment, fire-alarm system, sequence of operation, and HVAC controls. Tri-Tech's commissioning services proved essential to the project.

During the course of commissioning, Tri-Tech identified deficiencies in system installation and its operation. Tri-Tech discovered leaking water connections and faulty equipment components that risked causing long-term, costly issues if had they not been discovered and corrected. The system and equipment deficiencies were rectified prior to acceptance by WPAFB.

Tri-Tech's comprehensive commissioning services helped WPAFB avoid further equipment issues and difficulties.

Tri-Tech's final commissioning report allowed for system completion and acceptance by WPAFB.