



Customer focused. Built on values.

Case Study

Location: Milwaukee, WI

Industry: Government, Industrial

Scope: Fire Protection

Contract Amount: \$830,000



Grunau installed new fire protection equipment at the military base

Owner: Wisconsin National Guard

General Contractor: Nuvo Construction

Delivery Method: Design Assist

Contract Type: Fixed Price

Website: www.grunau.com

128th Air Refueling Wing Fire Protection

Grunau Fire Protection personnel received temporary security clearance to work at the 128th Air Refueling Wing in Milwaukee, part of the Wisconsin Air National Guard. Grunau's project team replaced an existing aqueous film-forming foam (AFFF) system with the more effective high expansion foam (HEF) protection system for the military base.

The 128th wing was formed in 1947 and has been in the refueling business for more than 45 years, longer than any other Air National Guard tanker unit. The base was 100 percent operational when Grunau team members removed existing fire protection to install more advanced systems. The installation included two HEF systems equipped with ten foam generators, plus two wet pipe systems, two preaction systems and two 2,000 gallon-per-minute fire pumps.

Grunau operated under a strict work schedule in accordance with government requirements regarding hangar accessibility for third parties. "Working at an active military base required adherence to guidelines and rules while maintaining flexibility due to changing circumstances like military procedures, plane maintenance or drills," said Eric Radke, Grunau Fire Protection Manager.

Since the fire protection accounted for nearly 80 percent of the overall site upgrade, Grunau closely coordinated its work with general contractor, Nuvo Construction. Grunau's excellence in project management and teamwork with Nuvo allowed Grunau to honor its commitments to successfully complete the project.



Testing the newly installed high expansion foam system