



MILWAUKEE SCHOOL OF ENGINEERING



Photo Courtesy of MSOE

PROJECT SNAPSHOT:

Description:

Hot water storage tank maintenance

Owner:

Milwaukee School of Engineering

Completed:

March 2004

Grunau Company's service and maintenance team, with the help of Grunau Metals, repaired a hot water storage tank in the Milwaukee School of Engineering's Margaret Loock Residence Hall before the problem became an emergency.

GRUNAU COMPANY KEEPS MSOE IN HOT WATER

PROJECT OVERVIEW

Grunau Company's service and maintenance team received a call from the Milwaukee School of Engineering (MSOE) to perform maintenance on one of the residence hall's hot water storage tanks.

SITUATION

When Grunau responded to a service call from MSOE, the team quickly discovered that the extent of the problem had been underestimated. The bracket attaching the heater coil to a large hot water tank had corroded through, requiring either repair of the bracket or replacement of the heater coil. The service team opted to repair the bracket; however, the unique, glass-lined tank made it challenging to affix a new one. The service team quickly contacted Grunau Metals to design and fabricate a custom-made support bracket to match the curve of the tank. The service team laid additional support inside the tank. Held by gravity, the bracket did not require any welding and the heater coil was easily placed on top of it. Grunau completed the job in less than four hours, shutting off the tank in midday when most of the dorm's residents were at class.

Milwaukee School of Engineering is located in downtown Milwaukee and enrolls nearly 2,500 students each year. Several of the school's engineering programs rank in the top 10 among the best programs in the country.



Photo Courtesy of MSOE

RESULTS

A sudden break in the bracket could have resulted in an emergency. However, thanks to Grunau's immediate response and team effort, MSOE was able to avoid both great expense and potential disruption to student life.

MSOE offers over 25 degree programs, including mechanical engineering, with courses in HVAC, plumbing and fire suppression systems.



FROM THE CLIENT'S PERSPECTIVE:

"The experience and skill level of the Grunau team, combined with their concern for customer satisfaction and their respect for our budget, guarantees a job well done every time," said Richard Nowakowski, Maintenance Supervisor for Housing – MSOE.

ABOUT GRUNAU'S SERVICE AND MAINTENANCE TEAM

Grunau Company offers service capabilities for the repair, retrofit and maintenance of many systems including mechanical, automatic temperature controls, plumbing, electrical, underground utility, fire and life safety, and indoor air quality. Our customers regularly work with the same technician, allowing them to develop friendly relationships based on trust that result in greater peace of mind.