

BSA HOSPITAL: A HARMONY OF TEAMWORK AND COORDINATION



Baptist St. Anthony's Health System (BSA) has provided healthcare services to patients in the tri-state area of Texas, New Mexico and Oklahoma since 1901. The BSA medical campus, located in Amarillo's medical district, employs more than 450 physicians and 3,400 staff members.

In 2018, BSA engaged TDIndustries to provide plumbing and HVAC repair services for the hospital's maintenance program. To date, assignments range from replacing cast iron piping, providing plumbing services for remodel projects and repairing air handlers. The functionality of the hospital's HVAC system is critical to hospital operations and makes the difference between whether an area can be used for patient care.

TD has provided maintenance services for several essential areas in the campus' buildings, including operating rooms and the emergency room of the main hospital, the Harrington Cancer Center and advanced imaging buildings. All work is performed by veteran TD service team members with decades of experience and an acute understanding of the security and safety requirements for healthcare environments. Prior to the start of each assignment, TD coordinates closely with BSA facilities and medical staff to fully plan the repairs while minimizing impacts to hospital operations. This planning process includes scheduling work around surgery hours, removing patient beds from affected areas, badging and security protocols, HIPAA protocols, and tie-in and testing of new equipment.

The TDIndustries Difference

- ✓ Servant leadership to provide campus-wide support in collaboration with the BSA facility team and medical staff
- ✓ Experts in healthcare facility maintenance who go above and beyond
- ✓ Timely service when and where it is needed
- ✓ Continuous quality service and access to specialty knowledge that would be too expensive to maintain internally

Clean, Safe Repairs Using the Latest in Plumbing Innovation

TD's first assignment for BSA was the repair and replacement of 10 sections of 3- to 4-in cast iron drain lines. The work was performed after hours in 100 overnight shifts. For each project, the TD team created a clean room environment following HIPAA guidelines. Plastic sheeting sealed off the work area. Partners protected their ladders with a dust-control encasement to access the drain lines in the 10-ft ceiling.

The sections of cast-iron pipe were replaced by copper pipe with compression (press) fittings. This was the first time that compression fittings had been used on the BSA campus. The fittings do not require soldering and can be





installed in seconds, providing a safer and faster solution over traditionally installed fittings. After each section of cast iron pipe was removed, the TD team placed it in a covered container and carried it out of the hospital to prevent any possibility of contamination.

Air Handling Repairs Help Maximize Hospital Operations

Many of BSA's 10-ton air handling units were installed in the 1980s and are reaching the end of their service life. In the main hospital, issues with air handlers led to the shutdown of two operating rooms and one segment of patient rooms. TD repaired two air handlers that were leaking condensate and a third that required repairs to the discharge air shroud. The quick repair of these air handlers allowed the operating rooms to return to full functionality and patient room availability.

At Harrington Cancer Center, three nurses' stations had been closed due to air handler failures. To restart use of these stations, TD provided repairs to three air handlers, including replacing parts in one of the units where the blower wheel had broken, damaging the shaft and bearings.

TD has repaired and rebuilt a total of six failing air handlers, sourcing replacement parts from the unit manufacturer to maximize and extend the useful life of this equipment. TD's services have helped the hospital achieve its goal of an additional year of service from the air handling units.

TD understands the critical nature and time restrictions of these assignments and provides timely service to help BSA meet its operational goals. The success of these projects is a testament to the collaboration of BSA's facility and medical staff and TD's service team to find solutions that support the hospital's mission of providing quality healthcare in Christian love, service and dignity.

