



# Core Provides A Truly “Mission Critical” Fueling System for Lahey Medical Clinic

**Project:**  
Emergency Power Fueling

**Client:**  
Lahey Medical Center

Lahey Clinic Medical Center in Burlington encompasses an ambulatory care center serving more than 3,000 patients each day, a 293-bed hospital and a 24-hour emergency department. The term “mission critical” is often used to describe emergency power systems. For Lahey Clinic a loss of power can literally cause a life threatening situation for hundreds of patients. To guard against this, Lahey called on Core Engineered Solutions to provide a safe and secure emergency power fueling system.

Core supplied a system which featured redundant elements including piping and pump sets to assure reliability and uninterrupted service. The fuel tank for the system was a 3000 Gallon ConVault UL 2085 fire rated fuel tank. ConVault’s seamless six-inch concrete vault design offers maximum protection against fire, natural disasters and vehicle or projectile impact. The system featured double wall steel piping and a 100 Gallon Day Tank with ball valve, overfill protection and Ultra Sonic transmitter for leaks, level readings and a return pump. In addition, Core installed a state-of-the-art self commissioning Control Panel. The unique design allowed the entire system to be self commissioned by a single technician within 2 hours saving time and money over a typical manual commissioning. In addition, the system can be recommissioned at any time without shutting down the entire system.



Core’s unique self-commissioning Control Panel



100 Gallon Day Tank with ball valve, overfill protection and Ultra Sonic transmitter for leaks, level readings and a return pump.



To discuss your mission critical fueling needs with a Core specialist or to learn more about Core’s capabilities, contact us at 800-628-5502.

