



A 20,000 gallon two-compartment Fireguard tank for a school bus depot with High-LINK fuel management system.

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TURNKEY FLEET FUELING

A large school district recently partnered with Highland Tank to upgrade their fleet fueling system. With more than 10,000 students and over 20 schools in the district, a strong transportation system is needed for this district to service their community. The district operates four bus garage facilities. Two of the sites needed upgrades to their fuel storage, but they also had a need to manage their fuel supply and dispensing at all four locations.

The Highland Tank team assisted with the design of two turnkey fuel tanks.

A 20,000 gallon Fireguard tank with two compartments was determined to be the best fit for one of the bus depot locations.

This tank would store 10,000 gallons of diesel and 10,000 gallons of gasoline. A second bus depot required storage for 10,000 gallons of diesel fuel. A 10,000 gallon Fireguard tank was the solution for this location.

Fireguard tanks are aboveground, thermally protected, double-wall steel storage tanks. The interstitial space between the steel walls is filled with a light-weight monolithic material.

This porous, cement-like insulation allows for fluid migration through the interstice and therefore can be monitored. The insulation is protected by the strong steel outer wall. The insulation protects the inner tank in the case of a fire or extreme heat. The Fireguard has also passed numerous other tests such as blast effect analysis and vehicle impact. In the case of this school district, the Fireguard was perfect because of setback limitations and regulatory requirements.

Highland Tank supplied the two tanks as turnkey setups. The tank included dispensers, pumps, remote fill boxes, emergency shut-offs, audio visual alarms, piping, electrical wiring, and all necessary equipment to begin fueling vehicles. All that was required was a local electrician to connect power to the tanks, and the piping needed to be air tested to assure no connections vibrated loose in transportation.

In order to help the school district manage their fuel supply and control dispensing, Highland Tank provided our High-LINK system mounted to the new tanks supplied for the two locations. We also retrofit High-LINK controls to two other existing tanks at additional school district bus garages.

High-LINK is a cloud-based monitoring and management software that provides in-depth views of day-to-day operations. It includes predictive maintenance tools, extensive alerting capabilities and automated, customizable reporting features that help you keep an eye on daily operations, from anywhere, at any time, on any device.

Highland Tank can provide solutions to help you efficiently manage the fleet fueling operations for school district or any other fleet operation. Visit our website or contact our team to learn more.



Call 814-893-5701 today
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