



Wireless Remote For Brine Tank

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Description:

Traditionally, brine tanks are connected to specific trucks, making them unusable when those trucks are out of service. A remote valve was wired to work with any SCDOT vehicle equipped with a universal 7-pin connector for brine tanks. The system's wireless remote allows operators to activate the brine tank valve directly from the cab.

How does this Innovation benefit SCDOT:

This universal brine tank setup was designed for use across multiple vehicles and applications, reducing downtime when equipment is out of service while increasing operational flexibility. By allowing the tank to be operated remotely, it improves safety by minimizing exposure to extreme weather and high-traffic conditions. Its adaptable design also provides opportunities for future applications beyond brine tank operations.

