

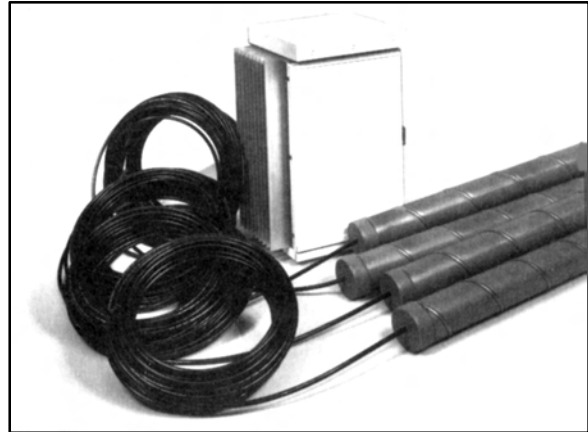
TANK-PAK[®]

Impressed-Current System

Protection For Underground Storage Tanks

Meeting EPA corrosion control requirements for underground storage tanks can be costly and frustrating. To address this problem, Corrpro developed TANK-PAK, an impressed-current cathodic protection system that can upgrade an existing storage tank for less than 10% of the cost of replacement. The system is based on characteristics common to most fueling systems, but also contains the flexibility to meet site-specific requirements. A custom TANK-PAK system is created for a particular location by using soil samples and diagrams of existing tanks and piping. Installation of the system requires only minor drilling.

The TANK-PAK system consists of anodes, lead wire, a junction box, and a rectifier. The anodes provided are packaged in Corrpro's Spira-Pak[®] canisters, and are surrounded by metallurgical coke breeze backfill. The backfill provides the anodes with a uniform environment for low-resistance contact to the earth and extended life. To install the anode canisters, openings are cut into the pavement, and an auger is then used to drill holes for anode placement. Once the anodes are in place, lead wires are slot cut into the pavement and connected to Corrpro's standard fiberglass junction box. The box is NEMA Type 4X rated, and provides superior



protection from all types of weather conditions. Power for the system is furnished by a specially manufactured rectifier, which is air cooled.

Corrpro engineers design each TANK-PAK system to deliver optimum corrosion protection. To ensure that this protection level is achieved, it is recommended that the system is installed either by a certified tank installer, or Corrpro's own construction crews. Regardless of which option is selected, Corrpro technicians will energize and test the system once the installation is complete. The minimum design life for the TANK-PAK system is 20 years.

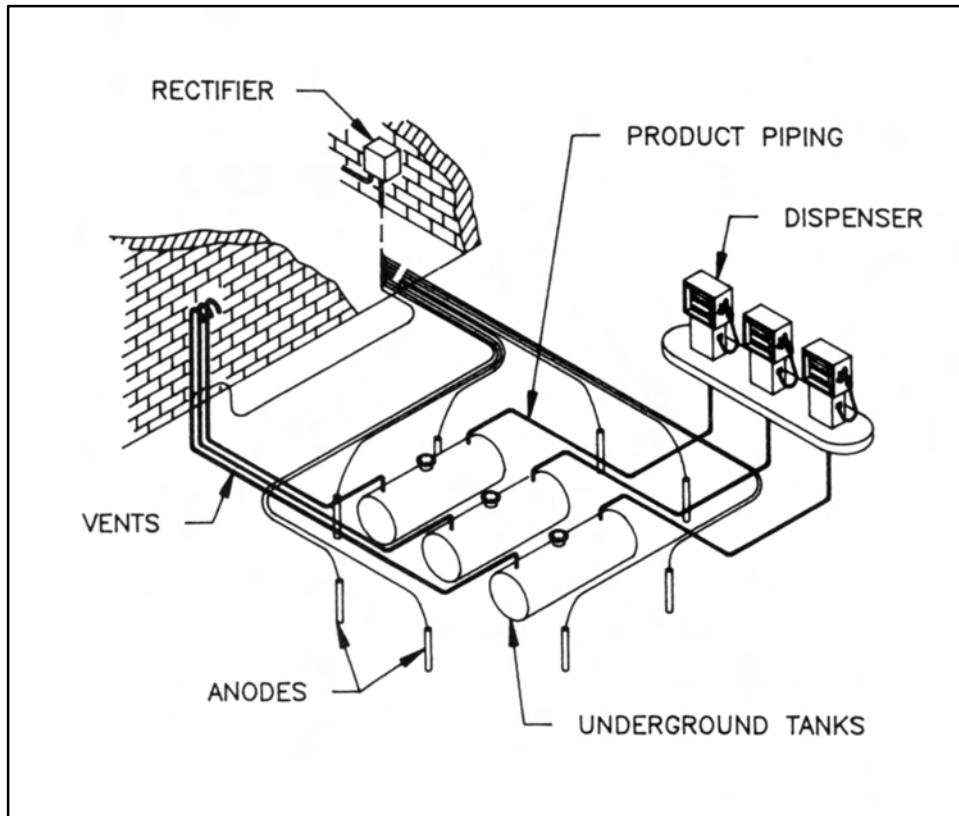


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TANK-PAK®

Impressed-Current System



Typical Applications

TANK-PAK is designed to protect existing underground storage tanks. It prevents corrosion attack on both the steel tanks and piping, and can be installed while a service station remains open for business.

Ordering Procedure

The TANK-PAK system is custom made to satisfy design specifications. To learn how the system can be used to effectively protect your UST system, contact your local Corpro representative.



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