

- Neutral Solution
- Long Lifecycle
- Effective Performance
- Cost Efficient

EnviroAnode® LT (MMO) Wire

Cathodic protection made simple

SAE Inc. offers innovative products that help you maintain the safety and integrity of your pipelines, while complying with industry regulations. The EnviroAnode® LT System for impressed current cathodic protection (CP) is a premium product aimed at applications that demand high performance, long life and environmental compliance. The EnviroAnode® LT System offers the following value proposition:

- Lower resistance for higher output currents with low DC Voltage sources
- Active zone completely sealed against any aquifer contamination sources
- Optional watering designs available for very dry locales
- No ground bed surface materials - livestock and landowner friendly
- Anti-theft and lower maintenance

EnviroAnode® LT System is a linear MMO anode that is suitable for poor soil conditions. The system installs like traditional Cathodic Protection Systems and is available in both a horizontal or vertical option.

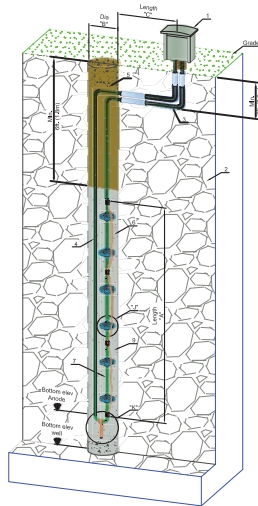
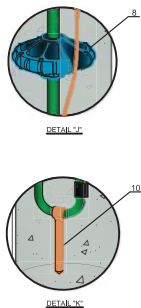


Applications

- Familiar in that an EnviroAnode® CP System is installed using the same tools and techniques as those used in traditional anode beds, though simpler as the vent pipe is not required.
- The predominantly electronic energy transfer within the EnviroAnode® System extends the life of the anode, especially when compared to the predominantly electrolytic energy flow within traditional anode beds.
- The large active, low current density surface area of the EnviroAnode® column causes gas to be formed over the entire surface of the column, where it is easily absorbed into the soil before it can collect into concentrated pockets. Thus, by better managing the production and dissipation of out-gassing, vent pipes are not required in EnviroAnode® installations and the overall efficiency of the anode bed is increased.

Product Specifications

CATHODIC PROTECTION VERTICAL BED MMO WIRE
SCALE: N.T.S.



Notes:

1. RECTIFIER SUPPLIED AND INSTALLED BY OTHERS.
2. EXISTING SOILS.
3. AWG #8 KYNAR INSULATED COPPER CABLE LEAD TO MMO WIRE.
4. AWG #8 KYNAR INSULATED COPPER CABLE REDUNDANT TAIL TO MMO WIRE.
5. BACKFILL TO SURFACE WITH NATIVE BACKFILL OR AS SPECIFIED BY LOCAL REGULATION.
6. MMO WIRE WITH COPPER CORE
7. INTERIM LEAD CABLE CONNECTION TO MMO WIRE (TYP).
8. CENTRALIZER SNAP-ON RING ON INSULATED COPPER CABLE (TYP).
9. SAE INC. CONDUCRETE CONDUCTIVE BACKFILL. SLURRY IN PLACE. MIX 4.2 US GALLONS OF WATER TO EACH BAG OF CONDUCRETE AND FILL WELL FROM THE BOTTOM UP BY PUMPING CONDUCRETE SLURRY THROUGH A TREMIE PIPE PLACED FULL LENGTH IN THE WELL.
10. BOTTOM DIELECTRIC WEIGHT SEALED BY HEATSHRINK TO INSULATED CABLE TAIL.

GENERAL: KYNAR CABLE, MMO CABLE AND ALL CONNECTIONS PRE-ASSEMBLED AND SEALED IN FACTORY READY FOR FIELD INSTALLATION.

A Global Player

SAE's innovative premium products and services solve the most challenging grounding, AC mitigation and cathodic protection issues. Founded in 1990, SAE continues to develop best-in-class electrical grounding systems and cathodic protection solutions. In addition to further developing its core business, SAE is currently focused on establishing international distribution for its products and services.