



- Superior Performance
- Extremely Long Life
- Cost Effective

## *Envir***ANODE**® LT (MMO) Wire

### Cathodic protection made simple

SAE Inc. offers innovative products that help you maintain the safety and integrity of your well casing and pipelines, while complying with industry regulations. The **EnvirAnode® LT** system for impressed current cathodic protection (ICCP) is an effective product aimed at applications that demand low current output, long life and environmental compliance. The **EnvirAnode® LT** system offers the following value proposition:

- Lower resistance yielding higher output currents per unit length 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
- Lower maintenance than traditional cathodic protection systems.

**EnvirAnode® LT** system is a linear MMO anode that is suitable for challenging soil conditions. The system installs similar to traditional cathodic protection systems and is available in both a horizontal or vertical option.

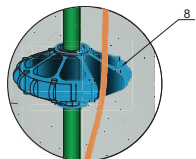




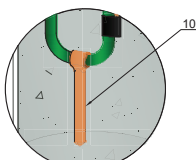
- The predominantly electronic energy transfer within the **EnvirAnode® LT** system extends the life of the anode, especially when compared to the predominantly electrolytic energy flow within traditional anode beds.
- The large active, low current density **EnvirAnode® LT** column causes gas to be uniformly distributed over the entire surface, where it is easily absorbed into the soil. By better managing the production and dissipation of out-gassing, vent pipes are not required in **EnvirAnode® LT** installations and the overall efficiency of the anode bed is increased.

## Product Specifications

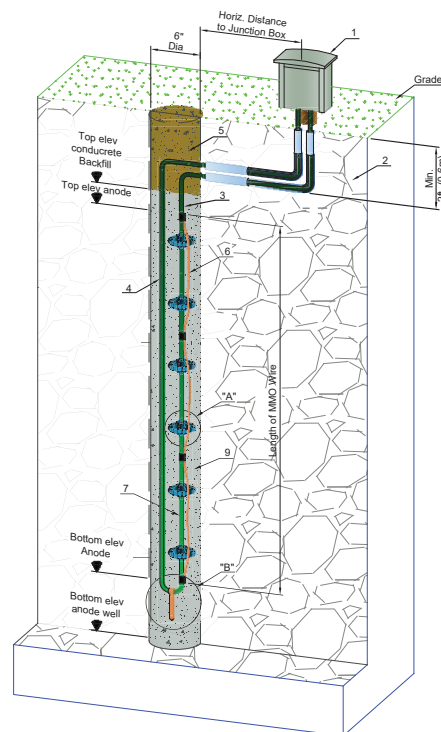
CATHODIC PROTECTION VERTICAL BED MMO WIRE  
SCALE: N.T.S



DETAIL "A"



DETAIL "B"



### 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 WIR
5. BACKFILL TO SURFACE WITH NATIVE BACKFILL OR AS SPECIFIED BY LOCAL REGULATION.
6. MMO WIRE WITH COPPER CORE
7. FACTORY INSULATED CABLE CONNECTION TO MMO WIRE (TYP).
8. CENTRALIZER SNAP-ON 2 INCH DIAMETER RING ON INSULATED COPPER CABLE (TYP).
9. SAE INC. CONDUCRETE CONDUCTIVE BACKFILL. SLURRY IN PLACE. M IX 3.0 US GALLONS OF WATER TO EACH BAG OF CONDUCRETE AND FILL WELL FROM THE BOTTOM UP BY PUMPING CONDUCRETE SLURRY THROUGH A TREMMY TUBE PLACED FULL LENGTH IN THE WELL. WITHDRAW TREMMY TUBE AT THE SAME RATE AS CONDUCRETE SLURRY RISES IN THE WELL.
10. BOTTOM NON-METALLIC WEIGHT.

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

Updated: 11/01/2018