



MMO CANISTER ANODES

PRODUCT DATA SHEET

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This canister anode consists of MMO/Ti anode installed in a galvanized steel canister that is filled with calcined petroleum coke breeze backfill. The canister is capped with the cable extending out the top of the anode cap. The actual anode inside the canister can have a wide range of configurations, including tubular, wire, rod, ribbon and mesh types. However, the most common configuration is the tubular anode.

QUALITY SUBSTRATE MATERIAL

Our MMO canister anodes are manufactured from high-tensile titanium, which meets commercially ASTM B338 Grade I standards.

NOBEL METAL OXIDE COATING

Whether operating in soil, mud, fresh water or seawater, mixed metal oxide coatings demonstrate high chemical stability, even in environments with low pH values. Depend on the form of usage, the coatings can be mixed of two or more metal oxides such as Iridium oxides (IrO_2), Tantalum oxides (Ta_2O_5) and Ruthenium oxides (RuO_2).

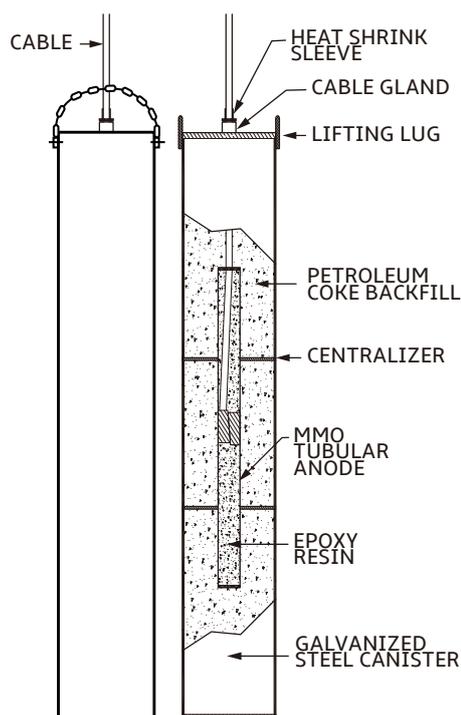
We can produce anodes with different nobel metal oxide ratios and differing coating thickness. Based upon accelerated life testing conducted by an independent laboratory, our MMO coating has been proven to be superior to other similar products in the market.

■ Ir-Ru Mixed Metal Oxide Catalyst

The Iridium-Ruthenium mixed metal oxide catalyst can be used in mud, concrete and any other severe environment conditions including high acidity or in the presence of chlorine or oxygen.

■ Ir-Ta Mixed Metal Oxide Catalyst

The Iridium-Tantalum mixed metal oxide catalyst is recommended for use in soil where there is either no chloride ions or low chloride ions present.



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PRACTICAL APPLICATION

It is commonly used for impressed current cathodic protection of metallic pipelines and storage tanks in either shallow vertical or horizontal surface groundbeds, as well as wet, marshy soil conditions where caving is likely to occur.





Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheeps with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.



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