



CORRMIT

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Corrmit technologies is a manufacturer of Mixed Metal Oxide (MMO) anodes with various shapes and compositions that is tailored to different applications. These anodes are comprised of Tantalum and Iridium oxides that are applied as MMO coating on high quality titanium substrate which meets grade 1 or 2 specification of ASTM B863 standard. This oxide coating acts as a catalyst in oxygen evolution reactions which makes it ideal for Cathodic protection systems. The coating consumption is too low so it works as a dimensionally stable anode during its lifespan. Current output of MMO anodes depends on the surrounding environment. The following table illustrates the approximate current output of these anodes in different environments:

Environment	Max. Current Output (A/m ²)
Calcined Petroleum Coke	100
Fresh Water	100
Sea Water	600

Corrmit is committed to excellence in production of cathodic protection equipment. In the light of this scenario, it takes the advantage of an organized quality control system. In case, anodes are ordered with cable tail, additional tests are performed in order to ensure a sound cable to anode connection.

MMO ribbon anodes are supplied in following sizes:

Type	Anode Diameter (mm)	Anode Resistance at Room Temperature	Anode Surface Area m ²	Current Output (approx.)* A
Type 1	1.5	0.136 ohm/m	0.005	0.5
Type 2	3	0.068	0.009	0.9

*In calcined petroleum coke or fresh water

Ribbon anodes can be incorporated in several applications that includes but not limited to

- Cathodic protection of external bottom plate of Above Ground Storage Tanks (AST)
- Internal Cathodic protection of AST tank
- Cathodic protection of pipelines (close ground bed)



Piggyback wire anode system is also available. These anodes are supplied with wire to cable connections at predetermined intervals in order to ensure sufficient current distribution and to aid in attenuation. Anode and wire are covered with a cotton sock which is filled with backfill



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