



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 B338 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 that 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)
Carboneous Backfill	50
Calcined Petroleum Coke	100
Fresh Water	100
Brackish Water*	100-300
Sea Water	600

* Current output in brackish water depends on chlorine concentration

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 tubular anodes are supplied in following sizes:

Type	Anode Diameter	Anode Length	Current Output (approx.)
Type 1	25	500	2
Type 2	25	1000	4
Type 3	25	1500	6
Type 4	32	1000	6
Type 5	32	1500	8

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

- Shallow and deep well ground beds for Cathodic protection of pipelines, above ground storage tanks (AST) and underground storage tanks (UST)
- Submerged anode system for Cathodic protection of piles in jetties dolphins and harbour structures
- Submerged anode system for internal Cathodic protection system of AST tanks





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