

## ROD ANODES

NMT® Electrodes Rod Anodes are manufactured using titanium which meets ASTM B348 Grade 1 or 2 standards.

NMT® Electrodes' Mixed Metal Oxide coatings are electrically conductive which activates the titanium rod allowing it to function as an anode.

NMT® Electrodes Mixed Metal Oxide Rod Anodes have an extremely low consumption rate, therefore, the titanium substrate remains nearly constant throughout the design life of the anode. This provides a consistently low resistance anode.

NMT® Electrodes Mixed Metal Oxide Anodes exhibit high chemical stability even when exposed to low pH (acidic) environments and are suitable for use in chlorine- or oxygen-evolving electrolytes or a combination of both.

NMT® Electrodes Rod Anodes are found in a variety of applications (heat exchangers, process vessels, water condenser boxes) and are suitable for operation in soils, carbonaceous backfill, freshwater, brackish water and seawater.

NMT® Electrodes Rod Anodes are available in diameters of:

- 3.175 mm
- 6.35 mm
- 12.70 mm
- 19 mm
- \* Other sizes available upon request

### ADVANTAGES

- Lower cost per Ampere Year
- Dimensionally stable

Environment	Max. Current Density
Fresh water	100 A / m <sup>2</sup>
Brackish water	300 A / m <sup>2</sup>
Seawater	600 A / m <sup>2</sup>

### NOTES:

- Coating loading is able to be increased or decreased depending on the life and current density requirements stipulated by the client
- The current density should be determined in accordance with fresh water resistivity.

