# Cathodic Protection Data Sheet

**Material/Equipment:** MMO Ribbon Anode  
**Doc. No.:** CP-DSH-MMO.R  
**Rev.:** D01

## ANODE TYPE
Titanium MMO Ribbon Anode

## ACTIVATION
Mixed Metal Oxide (IrO$_2$ Ta$_2$O$_5$)

## SUBSTRATE
Titanium to ASTM B265 Grade 1

## APPLICATION
Above Ground Storage Tank Bases

## RIBBON DIMENSION
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>0.635 mm</td>
</tr>
<tr>
<td>Surface Area</td>
<td>0.014m$^2$/m</td>
</tr>
<tr>
<td>Standard Length Coil</td>
<td>152 m</td>
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</tbody>
</table>

## WEIGHT
2.5 kg ± 0.1 kg Anode weight

## RELEVANT STANDARDS
ASTM B265, Grade 1 and 2

## CURRENT OUTPUT
Max. 42 mA /m

## RESISTANCE
0.14 Ω/m

## DESIGN LIFE
✓ 25 Years

## INSPECTION AND TEST
✓ Visual Inspection against any metallurgical defects  
✓ Weight of Anode
<table>
<thead>
<tr>
<th>FEATURES</th>
<th>✓Ribbon Type</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><img src="image-url" alt="Image of MMO Ribbon Anode" /></td>
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</table>