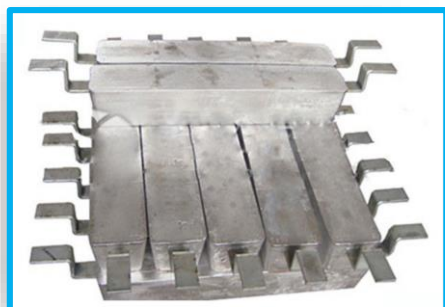


# Sacrificial Anode Cathodic Protection (SACP)

## High Potential Magnesium Anodes for Fresh Water



Only magnesium anode can be used for steel structures to protect from corrosion in the freshwater environment.

The anodes can be welded or attached by anode holders to distribute to the steel structure.

### Typical Applications

- Steel gate for water dam.
- Mechanical system in show pools.
- Condenser water boxes in fresh water
- Water pumps
- Large diameter piping
- Other aqueous processing tanks

### Chemical Compositions

Mg	Al	Fe	Cu	Ni	Si
Balance	0.01 Max	0.01 Max	0.01 Max	0.001 Max	0.05 Max

### Electrochemical Performance

Open Circuit Potential (CSE)	Close Circuit Potential (CSE)	Electrical Capacity (Amp-Hr/Kg)	Efficiency (%)
-1.77 V to -1.82 V	-1.64 V to -1.69 V	$\geq 1210$	$\geq 50$