BASENNOVA

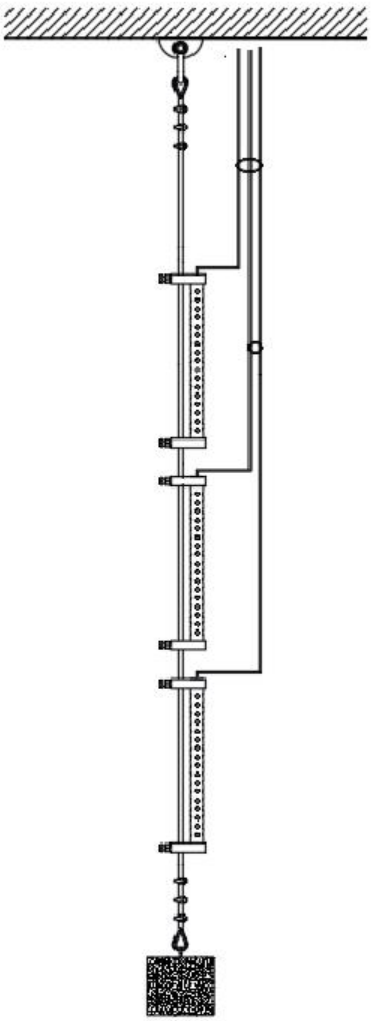
PRODUCT DATA SHEET

Suspended MMO Anodes

Suspended Mixed Metal Oxide (MMO) anodes are core components of Impressed Current Cathodic Protection (ICCP) systems, designed to be hung from structures like platforms or vessels via insulated cables. By connecting to a rectifier, these anodes release protective current through electrochemical reactions, polarizing the steel structure to a potential more negative than -0.85V (vs. CSE) to halt corrosion. This design completely eliminates the need for risky underwater welding and allows for rapid retrieval to the deck for maintenance. It is widely used in life extension projects for jackets, FPSO hulls, and wharf piles.

KEY FEATURES

1.No Underwater Welding
2.Low O&M Cost
3.Optimal Current Distribution
4.Rapid Deployment
5.High Adjustability



PRODUCT SPECIFICATIONS

MMO/Ti Tubular Anode

Titanium substrate:ASTM B338 Grade 1 or Grade 2

MMO Coating:IrO_2/Ta_2O_5 (soil/Freshwater environment) or IrO_2/RuO_2 (sea water environment)

Outer Diameter:Φ19/25.4/32mm

Wall Thickness:0.9-2.0mm

Length (single piece):500/1000/1200/1500mm

Cable:PVDF/HMWPE,10-16mm² (as required),Length can be customized.

Protective Tube: PVC

Connecting Resistance:≤0.01 Ω

Current Density:50-100A/m²(soil/Freshwater environment);Up to 600A/m²(seawater/High chloride environment)

Service Life:≥20years

Accessories: Offshore mooring ropes, lifting rings, heart-shaped rings, clamps, concrete counterweights

APPLICATIONS

1.Shallow-water Fixed Platforms / Jacket Platforms
2.Life Extension & CP Retrofit for In-service Platforms / Assets
3.ICCP for FSO / FPSO Hulls & Vessel Shells
4.Wharf / Trestle Pile Groups

Basennova Technology Co., Ltd. E-MAIL: info@basennova.com WEBSITE: www.basennova.com
ADD: Dongzhi plaza, No.1506 Youyi Road, Baoshan District,Shanghai, China.