

# INPUTS :

Pipe Outside Diam.(mm)	610.000	Steel Potential (-volt)	0.800
Ext. Coat Thickns.(mm)	5.500	Envir.Resistivity(ohm-m)	0.250
Conc. Coat Thickn.(mm)	55.000	Mean Cur. Density(mA/m2)	40.000
Anode Thickness (mm)	55.000	Final Cur. Density(mA/m2)	60.000
Anode Density (kg/m3)	2700.00	Mean Coating Breakdown	0.050
Half Shell Gap (mm)	80.000	Final Coating Breakdown	0.100
Design Life (yrs)	25.00	Temp. Corr > 25C (mA/m2C)	1.000
Usage Factor	0.800	(to Current Density)	
Anode Configuration	Bracelet	Pipe Joint Length (m)	12.20
Input Anode Propts.	Capacity		

No.	Temp. (C)	Anode Potential (-V)	Anode Capacity (A-hr/kg)	KP's		Anode Spacing (Jts)
				From (km)	To (km)	
1	40.4	1.05	2500.00	0.000	2.000	7
2	0.0	0.00	0.00	0.000	0.000	0
3	0.0	0.00	0.00	0.000	0.000	0
4	0.0	0.00	0.00	0.000	0.000	0
5	0.0	0.00	0.00	0.000	0.000	0
6	0.0	0.00	0.00	0.000	0.000	0
7	0.0	0.00	0.00	0.000	0.000	0
8	0.0	0.00	0.00	0.000	0.000	0
9	0.0	0.00	0.00	0.000	0.000	0
10	0.0	0.00	0.00	0.000	0.000	0

Additional Anodes at Inlet : 2  
 Outlet : 0  
 Selected Anode Length (m) : 0.180

## OUTPUT : Single Pipe

Anode Mass (kg) 52.490  
 Total No. of Anodes 26  
 Total Anode Mass (tonnes) 1.365