Abbreviations & Symbols
ABBREVIATIONS AND SYMBOLS

\( \theta \) - degree of surface coverage
\( \sigma \) ohm/cm\(^2\)/sec\(^{-1/2}\) - warburg coefficient
\( \mu A/cm^2 \) - microamperes / cm\(^2\)
\( \mu F/cm^2 \) - microfarads / cm\(^2\)
AAS - atomic absorption spectroscopy
ba, bc - anodic and cathodic Tafel slopes
C\(_{dl}\) - double layer capacitance
E\(_{corr}\) - corrosion potential
f\(_{max}\) - frequency maximum
FTIR - fourier transform infra red spectroscopy
I\(_{corr}\) - corrosion current
k(Degree) - absolute temperature
mM - millimole
mpy - mils per year
mV/dec - millivolts / decade
PZC - potential at zero charge
R - gas constant (8.314 J/mole)
R\(_\Omega\) - ohmic resistance
R\(_t\) / R\(_{ct}\) - charge transfer resistance
SEM - scanning electron microscope
T\(^\circ\)C - temperature in degree centigrade
Z', Z'' - real and imaginary components of cell impedance