

SYSTEM FOR MONITORING AND CONTROLLING EQUIPMENT LIFE DUE TO CORROSION DEGRADATION

ABSTRACT

A corrosion maintenance scheduling and implementation system and method measure one or more characteristics of corrosion in equipment before and after implementation of a corrosion remediation action, determine one or more of a change in the one or more characteristics of the corrosion between before and after implementation of the corrosion remediation action, one or more historical operational characteristics of the equipment, or one or more forthcoming operational characteristics of the equipment, and modify a schedule of the corrosion remediation action for the equipment based on one or more of the one or more characteristics of corrosion that are measured, the change in the one or more characteristics of the corrosion, the one or more historical operational characteristics of the equipment, and/or the one or more forthcoming operational characteristics of the equipment.

[Figure 1]