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Date

Location

Tuesday, Sep 13th, 2022

Zio Fraedo’s Restaurant
 611 Gregory Lane, Pleasant Hill, CA.
 (925) 933-9091

Time: No Host Bar 5:30 pm • Dinner 6:30 pm • Program 7:00 pm

Cost: \$10 AMPP members/non-members, and General Public

*Please RSVP immediately by the Whoozin System. Cancellation deadline is Friday, September 9th 2022
 Visit the Section Website at www.ampp-norcal.org.*

If you need additional information, please send the email to AMPPNORCAL@OUTLOOK.COM

TOPIC: Corrosion and Corrosion Control for Solar Arrays

SPEAKER: J.D. Howard, Esq.,
 Corrosion specialist
 JDH Corrosion Consultants, Inc.

ABSTRACT: The presentation will discuss the corrosion issues commonly faced in the solar industry with particular attention to Utility Scale sized solar farms. Topics will include above grade atmospheric corrosion, below grade soil corrosion, and galvanic corrosion. Particular attention will be given to the use of corrosion allowance for below grade corrosion as the solution most commonly used in the design of steel pile foundations at solar farms. The complexities of how to determine the rate of corrosion will be included and the lack of an industry standard for determining the life of galvanized coating in buried applications will also be discussed.

BIOGRAPHY: J.D. Howard, III, is a corrosion specialist with JDH Corrosion Consultants, Inc. He is experienced in conducting surveys of cathodic protection systems including troubleshooting rectifier problems, performing soil corrosivity surveys, conducting pipe-to-soil potential surveys, current requirement and continuity surveys, and GPS surveys. JD also specializes in performing site corrosivity assessments for solar array sites for both soil and atmospheric exposure and in determining the corrosion rates for various types of metals for these sites. He is very accomplished in conducting condition surveys for reinforced concrete structures for water and wastewater facilities as well as for parking garages and he is experienced in performing half-cell mapping surveys for reinforced concrete structures. JD is a licensed attorney and a member of the California Bar Association and is also an active member of AMPP.