NACE International Basic Corrosion - An Overview
Professional Education Presented by the New Jersey Water Association and Stuart Steel Protection Corp.

Seminar Description:
The goal of this program is to provide a basic overview of the theoretical and practical aspects of corrosion as standardized by the NACE International. It provides a brief description of what corrosion is, forms of corrosion and why corrosion control is important. It serves as an introduction to corrosion and corrosion control.

Course Agenda:
Sign-in 8:00 to 8:30. Seminar begins at 8:30, ends at 12:00. There will be two fifteen-minute breaks

8:30 - Why Does Corrosion Matter?
- Costs of corrosion
- Economic considerations
- Safety considerations
- Environmental considerations
BREAKE
What is Corrosion?
- Corrosion Definition
- Energy Cycle of Steel
- A Basic Corrosion Cell and its Components
- Causes of Corrosion
BREAKE
What are the Methods of Corrosion Control?
- Materials Selection
- How Cathodic Protection Works
- Galvanic (Sacrificial) Systems vs. Impressed Current Systems
- Coatings
NOON - PAPERWORK AND DISMISSAL

Instructor:
Stephen Alberico, Territory Manager for Stuart Steel Protection, Master of Science, Materials Science, University of Virginia, Bachelor of Science, Materials Engineering, Drexel University, NACE International Member, Extensive industry knowledge and credibility as corrosion subject matter expert. Background in corrosion engineering in nuclear, fossil, and hydro power stations.

Accreditation:
3.0 Training Contact Hours for NJ-Licensed Water/Wastewater Operators. TCH Course Number 04-091703-30
3.0 Hours toward license renewal for NJ Certified Public Works Managers: DLGS-NJWA-145 (3.0 Technical)

Dates and Locations:
August 10, 2021, Mount Olive Township Senior Center, 204 Flanders-Drakestown Road, Flanders.

Pre-registration at www.njwater.org is required.

The New Jersey Water Association
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