



eLearning Course Information

Course 2 Title: EL286 Assessing Need for a Corrosion Control Evaluation

Course Length: Four (4) hours of self-paced eLearning

Course Learning Objectives:

As a result of this course, participants should be able to:

- Explain the context for applying Corrosion Control Treatment (CCT)
- Identify what data are needed to support CCT decisions and where data gaps exist
- Describe key considerations and techniques for analyzing data
- Determine when it is appropriate to initiate or revisit CCT
- Recognize source or treatment changes that are likely to warrant a CCT evaluation
- Identify possible water quality impacts as they relate to CCT that could results due to a change in source or treatment
- Decide which corrosion control studies are appropriate for evaluating CCT

Course Description (Long)

Active management of the corrosivity of drinking water (i.e., corrosion control) has long been used to prevent harmful levels of lead, copper, and other metals being released into drinking water as well as protect the function of pipes and appurtenances. This course begins by explaining the importance and history of corrosion control treatment. It goes on to illustrate how managing corrosion control and changes in corrosion control require informed decision-making and presents a framework for both ongoing oversight of corrosion control practice and when changes in source or treatment are likely to warrant a corrosion control evaluation. Evaluating corrosion control performance or impacts entails collecting and organizing the correct information in a manner that supports selection of or modification of corrosion control treatment. The course addresses key data streams, organization of those data, what new data may be needed to support decision making and introduces approaches to collecting needed data. Importantly, the course points out instances where failing to collect data correctly or not understanding the information that is available can lead to errors in decision-making.

Course Description (Short)

This course describes evaluating corrosion control practice, recognizing when additional evaluation is needed, and data/analytical techniques available to support evaluating corrosion control practice.

Descriptive Marketing Blurb Evaluating corrosion control needs – recognizing when to re-evaluate corrosion control practice and what data and techniques are available.