WebCorr
CORROSION CONSULTING
SERVICES

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• Consulting • Training • Expert Witness • Failure Analysis • Design Review • Corrosion Test • Modeling • Coatings • Materials • Cathodic Protection

WebCorr Corrosion Consulting Services Presents

Life Prediction of Corrodible Structures and Components

Date: As published on website   Venue: As published on website

Course Overview

This corrosion short course aims to present to corrosion practitioners, researchers, designers, technical managers, inspection and maintenance engineers, and quality control personnel some important factors to consider when making life predictions for the various structures and components exposed to corrosive environments such as atmosphere, soil, waters and chemicals. The basic theory of extreme value statistics and its practical applications in corrosion inspection and testing will be presented. The merits of accelerate tests (for example B117 and others in ASTM Standard) in life prediction will be discussed in depth. State-of-the-art techniques for corrosion testing and monitoring and its relevance in life prediction will also be discussed.

Who Should Attend

Corrosion practitioners, researchers, designers, technical managers, inspection and maintenance engineers, and quality control personnel.
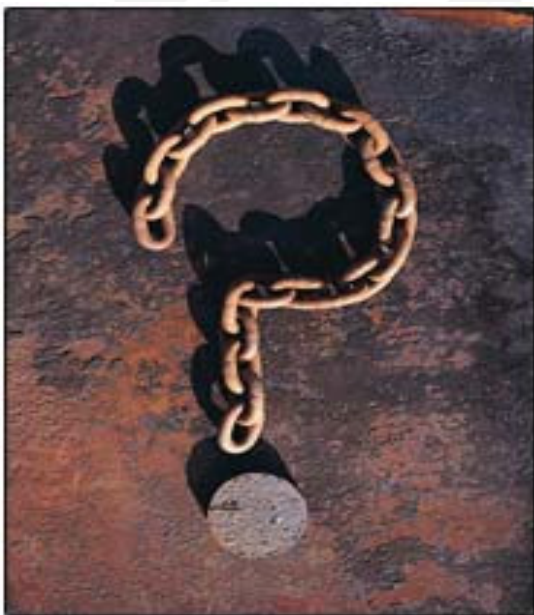
Course Outline

1. The need for life prediction
2. The impacts of corrosive environments
3. The complex nature of Structure-Environment interactions
4. The 10-steps in life prediction
5. From laboratory to field: can accelerated tests be used for life prediction?
6. The merits of some accelerated tests in ASTM Standards (incl. B117) for life prediction
7. Extreme value statistics: theory and practical applications in corrosion inspection, testing, and condition surveys
8. Life prediction of various metallic structures and components exposed to atmosphere, soil, and water
9. Life prediction of reinforced concrete structures
10. Bridging the gap between expectations and reality: the importance of on-site testing and monitoring
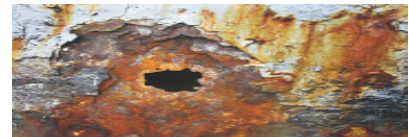
Course Registration

Please register online at www.corrosionclinic.com
Or use the form below (photocopies of this form may be used for multiple bookings).

Dr/Mr/Ms _____

Organization _____

_____

Contact Person _____

Contact Dept _____

Telephone _____ Fax _____

Email _____

Payment should be made by TT or online banking. Currencies in Australian Dollar, Canadian Dollar, US Dollar, Euro and Sterling Pound can be transferred directly without conversion. Our bank details can be found at the link below:

https://www.corrosionclinic.com/payment.html

Course Fee and Discount

Standard: $2500   **Discount**: $2250

The fee includes a hardcopy of course note, certificate, light lunch, coffee breaks each day during the course.

Discount applies to a group of 3 or more persons from the same organization registering at the same time, or early-birds making payment at least 8 weeks before the course commencing date.

Cancellation and Refunds
Cancellation or replacement should be conveyed to WebCorr in writing (email or fax). An administration charge of 50% of the course fee will be levied if the cancellation notice is received from 14 to 7 days before the course commencing date. No refund will be made for cancellation notice received 6 days and less. No refunds will be given for no-shows. Should WebCorr find it necessary to cancel a course, paid registrants will receive full refund. Refund of fees is the full extent of WebCorr's liability in these circumstances.

WebCorr has NACE certified Corrosion Specialist (#5047) providing customized in-house training, online and distance learning corrosion courses, corrosion seminars and workshops on corrosion, materials, metallurgy, paints and metallic coatings. Our corrosion courses are developed and taught by NACE certified Corrosion Specialist with over 30 years of practical experience in the field. Our training success is measured by your learning outcome.