

WebCorr Corrosion Consulting Services Presents

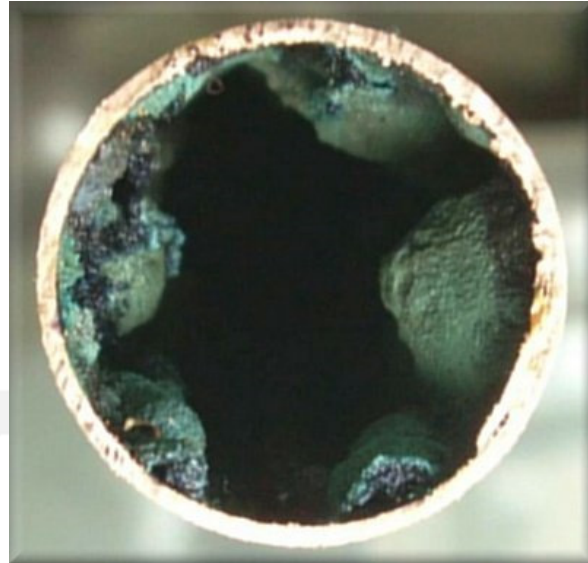
Pinhole Leaks in Copper Pipes in Potable Water Distribution System: Causes & Prevention

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

Course Overview

Pinhole leaks in copper pipes and tubing in potable water distribution systems in hotels, hospitals, homes and other residential and office buildings have been on the rise in recent years. The insidious leaks not only cause losses of water but may also cause serious damages to the walls, ceilings, fittings, furniture and other valuables. The leaks often raise health concerns of the quality of drinking water.

This corrosion short course is available for in-house training, online and distance learning worldwide. It can also be customized to meet the specific needs of your organization.



Who Should Attend

This 1-day course provides an excellent avenue for facility and building managers, maintenance engineers, homeowners, plumbers, water suppliers, copper pipe fabricators and suppliers to gain an insight into the causes of pinhole leaks and methods of prevention.



Course Outline

- 1 Pinhole Leaks & Pitting Corrosion
 - 1.1 What is a pinhole leak
 - 1.2 Types of pitting corrosion in copper tube
 - 1.3 The scale and impact of pinhole leaks in water pipes
 - 1.4 Why is water colored
 - issues related to blue water, milky water, brownish water, reddish water
 - 1.5 Why is water smelly?
 - 1.6 Is the water safe to drink?
 - 1.7 Tell-tale signs of pinhole leaks
- 2 Pinhole Leaks: the Water Factors
 - 2.1 The chemistry of drinking water
 - 2.2 Soft and hard waters
 - 2.3 Water treatment
 - 2.4 Factors contributing to pinhole leaks
- 3 Pinhole Leaks: the Tube Fabrication Factors
- 4 Pinhole Leaks: the Design and Installation Factors
- 5 Pinhole Leaks: the Stray Current and Other Factors
- 6 Pinhole Leaks: Repair Options and Prevention

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: \$2,500 **Discount:** \$2,250

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.

