

Protective Coatings: Inspection, Maintenance and Repair

Registration Form

Photocopies of this form may be used for registrations.
You can also register online at www.corrosionclinic.com

Please register the following person(s) for the above course (please TYPE or PRINT clearly):

1. Dr/Mr/Ms _____
Designation _____

2. Dr/Mr/Ms _____
Designation _____

3. Dr/Mr/Ms _____
Designation _____

*delete where inappropriate

Enclosed is a cheque / bank draft No. _____
for S\$ _____ (payable to "WebCorr Corrosion Consulting Services") being Registration Fee for the above person(s).

Organization _____
Contact Person _____
Contact Dept _____
Telephone _____ Fax _____
Email _____

Crossed cheques should be made payable to "WebCorr Corrosion Consulting Services" and mailed together with the registration form to:

WebCorr Corrosion Consulting Services

Toa Payoh Central., PO Box 225,
Singapore 913108

Tel: (65) 64916456 Mobile: (65) 97110759

Fax: (65) 64916456

Email: webcorr@corrosionclinic.com

<http://www.corrosionclinic.com>

Course Details

Date: 4-6 April 2011
Time: 9:00 am to 5:00 pm
Venue: PUB WaterHub
Course Fee: S\$1995 (GST not applicable)
Closing Date: 2 weeks before course date
Discount:
Group: (3 or more people): 10%
Early-bird: N% **if paid** "N" months before the course commencing date

Withdrawal/Refund Policy:

Withdrawal or replacement should be conveyed to the organizer in writing (email or fax). An administration charge of 50% of the course fee will be levied if the withdrawal notice is received less than 7 working days before the course commencing date. No refund will be made for withdrawal notice received 3 working days and less.

Certificates:

Certificate of attendance will be given to participants with at least 75% attendance of the course.

Cancellation:

WebCorr reserves the right to cancel the course and fully refund the participants should unforeseen circumstances necessitate it.

Protective Coatings: Inspection, Maintenance and Repair

Conducted by:

Dr. Qiu Jianhai BEng PhD CEng MIM FICorr
NACE Certified Corrosion Specialist

Date:

4-6 April 2011

Venue:

PUB WaterHub
80 Toh Guan Road East
Singapore 608575

Organized by:



Course Overview:

This 30-hour training course thoroughly and systematically covers every aspect of coatings application and inspection techniques, maintenance and repair procedures. Coatings selection, specifications, applications and relevant industry standards for surface preparations are also discussed in depth. This short course trains the participants with the knowledge and skills required for effective and efficient coatings inspection, maintenance and repair.

This course can be taken as in-house training course, online course and distance learning course worldwide. It can also be customized to meet the specific needs of your organization.

Course Contents

1. The Role of a Coating Inspector
2. Corrosion Concepts Relevant to Coatings
3. BS, ISO Classification of Corrosive Environments
4. Characteristics of Coatings
5. Fundamentals of Coatings
6. The Protective Coating System
7. Corrosion Resistant Organic Coatings
8. Corrosion Resistant Zinc Coatings
9. Design Considerations
10. Effect of Substrate on Coating Life

11. Importance of Surface Preparation
12. BS, ISO, SIS, NACE, SSPC Standards Relevant to Surface Preparation
13. Application of Coatings
14. Health and Safety Aspects
15. Selection of Coatings
16. Coatings and Cathodic Protection
17. Coating Failures: Causes and Prevention
18. Coating Repair and Maintenance
19. Development of Specifications
20. Quality Control in Coatings Application
21. Coatings Inspection and Testing
22. Glossary of Technical Terms in Coatings and Corrosion

Who Should Attend

This course has been structured in such a way that it is particularly suited for those who work with protective coatings such as coatings inspectors, designers and specification writers, project engineers, quality assurance managers, paint supervisors, contractors, painters, facility owners, and maintenance personnel.

Course Lecturer

Dr. Qiu Jianhai *BEng PhD CEng MIM FICorr*

Dr Qiu obtained his BEng and PhD degrees both in the field of corrosion. He has 27 years of industry, university teaching, research and consulting experience in areas of corrosion and its prevention. He has been working closely with both local and overseas companies and has been an active consultant to governmental agencies, multinational companies and private organizations on corrosion and materials related issues such as corrosion design review, materials selection and life prediction, corrosion inspection and condition assessment, plant process optimization, corrosion training, corrosion testing and monitoring, trouble-shooting and corrosion failure analysis. Dr Qiu has recently completed the design of a cathodic protection system for the upcoming Marina Coastal Expressway (MCE) Tunnels. Dr. Qiu is also experienced in providing expert witness and assistance in litigation and arbitration matters related to corrosion and materials. He has authored over 120 technical papers and reports. Dr. Qiu was an invited contributing author to the latest edition of the world renowned ASM Handbook Vol.13C Corrosion: Environments and Industries. His biographical profile was included in the 7th edition of Marquis Who's Who in Science and Engineering.

Dr. Qiu is a NACE certified Corrosion Specialist (USA), the only person in Singapore certified to the highest professional level by NACE (National Association of Corrosion Engineers, USA). He is a Chartered Engineer registered with the Engineering Council (UK), a Fellow of the Institute of Corrosion (UK) and a professional member of the Institute of Materials, Minerals and Mining (UK). Dr. Qiu is the Singapore representative in the International Corrosion Council (ICC).