

CORROSION TECHNICIAN

INTRODUCTION

This is a 4-day training course consisting of lectures, classroom practical, case studies and knowledge assessment. At the end of this course, participants are required to complete a logbook for a minimum period of 12-months. The logbook will entail the participants' on-the-job experience attained during their project assignments and this logbook will be submitted to the Institute of Materials Malaysia (IMM) for assessment. This logbook will be used as reference for the Oral Examination.

COURSE OBJECTIVES

This course is aimed at providing knowledge and skills in the following:

- Key-point corrosion monitoring and process corrosion monitoring.
- Retrieval and change-out of coupons and probes
- Measurement and interpretation of corrosion rates
- Use of retrieval tools, service valves, back-pressure pumps, surge tubes, etc.
- Cathodic protection monitoring and inspection techniques
- Corrosion Inhibitor monitoring
- Protective coating surveys

COURSE CONTENTS

- Corrosion Fundamentals
- Corrosion coupons, electrical resistance probes, polarization probes
- Corrosion rates measurements and interpretation
- Retrieval tools, service valves @ auxiliary equipment
- Ultrasonic measurements
- Cathodic protection basic principles
- Cathodic protection measurement techniques
- Cathodic protection trouble-shooting and failure investigations
- Theory of corrosion inhibition by chemicals
- Types and functions of corrosion inhibitors
- Monitoring of corrosion inhibition process
- Health, Safety, Environment and Quality Assurance
- Coatings survey techniques and coating defects

Duration
4 days

SSTC Member
RM 4,240.00

Non SSTC Member
RM 4,346.00

SME
Training Grant
RM 1,303.80

*all rates are inclusive
of 6% GST

For more information or registration, contact:

Sabah Skills & Technology Centre

No. 8, Jalan 1C, KKIP Selatan, Industrial Zone 1 (IZ1), KKIP, 88460, Kota Kinabalu, Sabah

Tel: 088-496613/4 (Ms. Jennifer/ Shariffah) Fax: 088-499615,

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VISIT OUR WEBSITE at: <http://sstc.org.my>



CORROSION TECHNICIAN

THIS SCHEME CONSISTS OF:

1. Corrosion Technician Examination – Part 2 (Proctor Scheme, Theory, Oral & Practical)
2. Corrosion Monitoring & Inspection Training
3. 12-months Logbook Initiative

WHO SHOULD ATTEND

School leavers after Form 5, technicians, inspectors, engineers, managers and anyone else interested in the knowledge of corrosion monitoring and inspection, or who wish to pursue a career as a Certified Corrosion Technician.

RESOURCE PERSON

Kang Kim Ang graduated in Diploma in Materials Engineering and Master of Science in Corrosion Science and Engineering with Engineering Council, UK. He is also a Corrosion Specialist and Cathodic Protection Specialist accredited by the National Association of Corrosion Engineers (NACE), USA and the Institute of Materials, Malaysia. Kim Ang has over 22 years' experience in Corrosion Control, Cathodic Protection, Heavy duty Coatings, Passive Fire Protection and Corrosion Inspection in the oil and gas, petrochemical, construction and industrial sectors in Malaysia, Indonesian, Philippines and Myanmar. He is also a trainer for Petronas Skill Group for Level 3 Cathodic Protection.

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