

REGISTRATION FORM
2 DAY TRAINING COURSE ON
"CORROSION ON METAL FOR CONSTRUCTION"
4-5 SEPTEMBER 2019
Fax: 603-5513 3891

	EARLY BIRD Before 2 August 2019	After 2 August 2019
Members	RM1,200	RM1,400
Non Members	RM1,400	RM1,600

(Note: **10% discount** will be given for registration of a group of 3 or more participants from a single company for the course).

Please register the following person/s:

Name _____
 Designation _____
 MISIF member Non-MISIF member

Name _____
 Designation _____
 MISIF member Non-MISIF member

Name _____
 Designation _____
 MISIF member Non-MISIF member

Please find attached Cheque/Bank Draft No: _____ being payment for the above made payable to **Malaysian Iron & Steel Industry Federation.**

Particulars of person making booking:

Name _____
 Designation _____
 Company/Organization _____
 Address _____

Tel _____ Fax _____

TRAINING COURSE ON "CORROSION ON METAL FOR CONSTRUCTION"

4-5 SEPTEMBER 2019



VENUE:
 MISIF TRAINING ROOM
 28E/30E, 5TH FLOOR, BLOCK 2, WORLDWIDE BUSINESS PARK
 JALAN TINJU 13/50, SECTION 13, 40675, SHAH ALAM, SELANGOR

TRAINERS:
 DR. SHEIKH ABDUL REZAN B. SHEIKH ABDUL HAMID &
 DR. TUTI KATRINA BT. ABDULLAH
 SCHOOL OF MATERIALS AND MINERAL RESOURCES,
 ENGINEERING CAMPUS, UNIVERSITI SAINS MALAYSIA

ORGANISED BY: MALAYSIAN IRON AND STEEL INDUSTRY FEDERATION
SUPPORTED BY: SOUTH EAST ASIA IRON AND STEEL INSTITUTE

HRDF CLAIMABLE

INTRODUCTION

Construction steel products are widely used in the building and automotive industries, in mechanical engineering and in consumer goods. Except for mechanical engineering, the steel is usually protected against corrosions by zinc or zinc based coating or various other methods.

This course is designed to provide participants with the basics for understanding the fundamentals of corrosion and coating. The participant should be able to recognize the various forms of corrosion, what has caused the corrosion and be able to identify the best method to control corrosion.

COURSE CONTENTS

- + Corrosion of construction steel;
- + Corrosion science basics;
- + Corrosion rates and prediction of corrosion in construction steel;
- + Environmental effects on corrosion of steel;
- + Corrosion prevention;
- + Surface engineering on construction steel;
- + Anodizing and hot dip galvanizing;
- + Corrosion resistant paint on construction steel;
- + Stress corrosion cracking in stainless steel;
- + Chemical vapor deposition (CVD) and physical vapor deposition (PVD) on construction steel;
- + Surface treatment (carburizing, nitriding, carbonitriding) on construction steel;
- + Material selection for corrosion control in construction steel.

ABOUT THE INSTRUCTORS

DR. SHEIKH ABDUL REZAN joined USM Engineering campus in 2010. He completed his PhD in Materials Engineering (Pyrometallurgy) from University of New South Wales, Australia in 2010. His undergraduate degree was from Alfred University (New York), USA and Master in Optical Engineering from UTM, Johor. He has published more than 80 journals and conference papers combined in the field of extractive metallurgy, steelmaking, marine corrosion and high temperature ceramics. He is an invited member to Malaysia Steel Institute (MSI) and SIRIM committee for Malaysian Standard for raw materials for iron, steel and intermediate products (TC/P/1). His research interest include sacrificial zinc anode for cathodic protection (SACP), marine corrosion, steelmaking waste recycling and pyro-processing of titanium minerals. He is actively working on the recycling of EAF/BF steel slag, SACP for marine applications and production of titanium tetrachloride and titanium metal by low temperature chlorination process. Dr. Sheikh Abdul Rezan has been conducting "Introduction to Steelmaking" and various other short courses from 2011 with MISIF and USM.

DR. TUTI KATRINA ABDULLAH is currently a lecturer of Materials Engineering program at School of Materials and Mineral Resources Engineering, USM. She received her PhD in Corrosion and Thermodynamic fields from Université de Lorraine, France. Her undergraduate degree is from Universiti Sains Malaysia and Masters from Luleå Tekniska Universitet, Sweden and Institut National Polytechnique de Lorraine, France. Her research interests include high temperature corrosion of Ni-based alloys in molten glass/salts. She is also actively working on the development of scaffold for bone regeneration application.

THE ORGANIZER (MISIF)

The Malaysian Iron & Steel Industry Federation (MISIF) is the national association representing the iron and steel manufacturing companies of Malaysia. Among its many activities, MISIF regularly organizes technical training courses relevant to the metalworking sector. MISIF has collaborated with USM to conduct courses related to materials and metallurgy for over ten years already.

WHO SHOULD ATTEND

- * Engineers and technologists who are in charge of corrosion protection systems
- * Designers who are interested in protection technology for corrosion prevention
- * Technicians and maintenance personnel who deal with installed corrosion protection systems
- * Facility owners and users who are concerned with corrosion

DATE AND VENUE

Date : **4–5 SEPTEMBER 2019**
Time : **9.00 A.M. – 5.30 P.M. (DAILY)**
Venue : **MISIF TRAINING ROOM, SHAH ALAM, SELANGOR**

REGISTRATION FEE AND ADMINISTRATIVE DETAILS

	(EARLY BIRD: BEFORE 2 AUGUST 2019)	(AFTER 2 AUGUST 2019)
MEMBERS:	RM1,200	RM1,400
NON MEMBERS:	RM1,400	RM1,600
Deadline for Registration:	27 August 2019	

1. Participants are advised to submit to MISIF the completed registration forms with payment payable to: **MALAYSIAN IRON AND STEEL INDUSTRY FEDERATION** by **27 August 2019**. Registration will only be confirmed on receipt of the registration form and payment.
2. **No refunds** will be entertained although participants can be substituted at any time.
3. Fees are inclusive of refreshment breaks, luncheon, course materials and Certificate of Attendance, which will be awarded upon completion of the course.
4. A **10% discount** will be given for registration of a group of 3 or more participants from a single company for the course.
5. The organizer reserves the right to cancel, reschedule, postpone or amend the course date/venue/programme, due to unforeseen circumstances.

SKIM BANTUAN LATIHAN

Companies registered with HRDF can apply for refund under **SBL Scheme**.

FOR INFORMATION

Ms. Norlian Mohamed Najib
MALAYSIAN IRON & STEEL INDUSTRY FEDERATION (MISIF)
28E & 30E, 5th Floor, Block 2, Worldwide Business Park,
Jalan Tinju 13/50, Section 13, 40675 Shah Alam, Selangor
Tel: 603 – 55133970 / Fax: 603 – 55133891/Email: norlian@misif.org.my