

COURSE FEE :**RM 3,000/pax**

*for ten (10) pax

RM 4,800/pax

*min. five (5) pax

3-day In-House Training:

ELECTROMAGNETIC COMPATIBILITY (EMC) IN RAILWAYS

Course Instructor:
Assoc. Prof. Dr. Syarfa' Zahirah Sapuan
EMC Consultant



**Demo and
practical
sessions at an
accredited
laboratory are
included!**

Course Overview

This course covers essential concepts of EMC in the rail environment from the EMC fundamentals, theory, standards and testing, design requirements, and how to achieve EMC assurance. EMC Management Strategies, Standard, and the regulatory process. You will gain an understanding of the railway electromagnetic environment, how to identify the principle threats to EMC and the coupling mechanisms.

Course Objectives

- To understand the fundamentals and concepts of EMC within the railway environment.
- To acknowledge the regulatory EMC requirements and the relationship to standards.
- To manage EMC effectively and achieve EMC assurance.

Who Should Attend?

This course is recommended for engineers, managers, researchers, technicians, compliance engineers, key stakeholders in organizations involved in the EMC, and professionals.

Co-organized by:

**EMTEX CTS SDN BHD**
(1443266-U)

Course Contents

- ☐ Introduction To Electromagnetic Compatibility (EMC)
- ☐ EMC Directive
- ☐ Railway EMC Management
- ☐ Introduction to Railway EMC Standard
- ☐ Designing and procuring for EMC
- ☐ Technical Document for Apparatus
- ☐ EMC Risk Control and Assessment
- ☐ Case Study
- ☐ Demo and Practical Session

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