



Microwave Radio Site – Indoor and Outdoor Installations – MR-IOI

Brief Description

- MR-IOI is a course in which the suggested processes are based on CEI, IEC and ITU prescriptions, rules and recommendations.
- The purpose consists in providing the essential prescriptions and recommendations relevant to devices and hardware components installation required to realize telecommunication systems. All the suggested processes are based, more than on their effectiveness, on the primary target of safety for the operators.

• Target Group

- The main Target group, are all persons involved in field implementation of a Point to Point Microwave Link System, in particular for:
 - Installer Team
 - Commissioner Team
 - Implementation Field Engineers (Supervisor and Manager)

• Learning Target

- At the end of this course the participant will be able to:
 - Understand the main Tasks required for Microwave System Installations
 - Understand the main installation materials involved in a Microwave System
 - Understand Basic requirements necessary for Microwave System Installations, such as types of equipment
 - racks, wiring, cabling, Structure, Energy and grounding.

Prerequisite

- Basic knowledge of Microwave Radio system installation

Contents

- **Overview of MW Radio Link system**
- **Overview of Propagation on MW Radio Link**
- **Terminologies on MW system**
- **Parabolic Antennas**
 - Parabolic Antennas Overview
 - Parabolic Antennas components
 - Parabolic Antennas Lifting
 - Antennas Assembling Collection
- **Waveguide**
 - Waveguide Overview



- Waveguide Installation
- **RF Coax Cable**
 - RF Coax Cable Overview
 - RF Coax Cable Installation
 - Braided Connectors assembling Instruction
- **Inside Plant**
 - Inside Plant Overview
 - Inside Plan Cables and Connectors

Notes

- null

Duration

3 days

Related Courses: learning path link

- null

Max number of participants (suggested)

10

Course Type

Theoretical course – Practice is possible with installation material available
