



# EMF & RF AWARENESS

## Introduction

Are you aware of the EMF Directive 2013/35/EU which has derived from the Physical Agents Directive and 'The Control of Electromagnetic Fields at Work Regulations 2016'? If you answered 'no' then your organisation should consider training among a range of other measures required to comply with the requirements. Appropriate training for employees who may be exposed to EMF's and their involvement in the risk assessment process is an essential requirement.

Electromagnetic fields (EMF's) also referred to as Radio Frequency (RF) can be generated both intentionally and unintentionally in a variety of working environments with employees being accidentally exposed to harmful levels of EMF's or RF.

EMF's and RF are used in many industrial processes including induction heating, semiconductor processing and medical diathermy as well as the more well known examples of telecommunication and broadcast systems. In fact any equipment that generates an amount of electrical current can produce significant magnetic fields

## Aims of the course

Our EMF Awareness training aims to help organisation to be fully aware of EMF's, where they occur, the risks involved, and the permissible exposure levels to employees and others, enabling you to appreciate the hazards and risk and take appropriate action. It will help you in demonstrating that your organisation is compliant with the Directive in protecting employees and others from exposure to electromagnetic fields in the workplace.

## Who is it for?

The course has been developed by health and safety experts with particular experience working in the area of EMF's. The result is a high quality training solution that gives managers and employees the awareness to meet their health and safety obligations. The course is for anyone who uses, or may come into contact with EMF's, as part of their work.

## How is it delivered?

EMF Awareness elearning can be delivered on line or through a computer network to each trainee at their desktop, laptop or mobile device. We can also provide the course to be integrated into a SCORM compliant LMS. The training can be completed at the employee's own pace by "book marking" and recording progress and returning to the training at a later time. In delivering the training in this way, the normal costs of training are reduced, whilst still achieving the desired awareness and compliance with the organisation's legal responsibilities. At the end of the



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training the trainee will complete an assessment.

## Compliance record keeping instantly solved

An invaluable feature of our elearning courses is our learning management system (LMS) called SHINE. This solves the problem of compliance record keeping by recording completion of courses and making them available for you to view and manage electronically. No more struggling to find training records should you have a visit from the enforcing agency or an audit.

## Course duration

25 - 30 minutes.

## Course summary

The EMF Awareness course helps managers and employees understand the hazards and risks associated with EMF's in the workplace in an easy to understand interactive experience. The training highlights how EMF 's are propagated, the possible health effects and how EMF 's can be measured and controlled.

## Content of the course

The aim of the course is to provide trainees with an awareness of EMF's, how it affects activities in the workplace, and what actions they can take to control the risk. EMF Awareness covers the following areas:

1. Introduction
2. Electromagnetic fields
3. EMF 's and the human body
4. Safety guidelines
5. Monitoring equipment
6. EMF sources and typical hazards
7. Self-assessment

