



CEMFAW

The Control of Electromagnetic Fields at Work (CEMFAW) Regulations came into force in the UK on 1st July 2016. The regulations aim to ensure that workers do not suffer adverse health effects due to EMFs.

A full copy of the regulations can be found at:

http://www.legislation.gov.uk/uksi/2016/588/pdfs/uksi_20160588_en.pdf

In summary, all employers must:

- assess the levels of EMFs your employees may be exposed to
- if necessary use calculations and measurements
- ensure that exposure is below exposure limit values (ELVs)
- take action if employees are exposed to EMFs above ELVs
- when appropriate, devise and implement an action plan to ensure compliance with the exposure limits
- when appropriate, assess the risks of employee's exposure and eliminate or minimise those risks
- take into account employees at particular risk, such as expectant mothers and employees with active or passive implanted or body worn medical devices (eg pacemakers)
- provide information and training on the risks posed to employees by EMFs in the workplace
- provide health surveillance or medical examination as appropriate
- record findings of exposure assessment, action plan and subsequent risk assessments

EMFcomp regularly helps organisations with all these requirements – we help ensure compliance with the legislation. An EMF measurement survey is the most time and cost efficient way to perform an EMF assessment. Most surveys are done in one day at site. All our surveys result in a documented exposure assessment and action plan, giving you everything you need to inform your own company risk assessments.

As with any safety assessment, the assessment should be performed by competent individuals. Work done by EMFcomp Ltd is performed by Chartered Radiation Protection Professionals who are qualified and experienced for all work under CEMFAW. Their experience helps them to identify simple, low cost solutions to comply with the regulations. Our assessments conform to EN 50499 and EN 50527. Our surveys follow best practice guidance published by the Society for Radiological Protection.

We provide EMF training which satisfies the condition about providing information and training to employees. We also provide training to managers and supervisors, so they fully understand their responsibilities and understand the requirements of EMF exposure assessments.



email: enquiries@emfcomp.com
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Training

CEMFAW states that:

The employer must provide relevant information and training to any employees who are likely to be subjected to the risks identified in the most recent risk assessment in relation to:

- *the concepts and values of the ALs and ELVs*
- *the possible indirect effects of exposure*
- *the results of the most recent exposure assessment*
- *how to detect and report sensory and health effects*
- *the circumstances in which employees are entitled to health surveillance and medical examinations*
- *safe working practices*
- *any additional measures taken in respect of employees at particular risk.*

We deliver two standard courses to ensure employers meet the requirements of the regulations. All our courses are delivered by Chartered Radiation Protection Professionals.

1. Working safely with electromagnetic fields

A one-day introduction course aimed at people who work around EMFs.

CEMFAW states that people exposed to risks associated with EMFs should be provided training. This course satisfies that condition for workers.

2. Complying with CEMFAW

A more in depth two-day course aimed at supervisors, safety managers, those responsible for producing risk assessments and those responsible for ensuring their organisation complies with CEMFAW.

This gives details on the requirements of CEMFAW and explains how EMF exposure assessments are carried out. Measurements and calculations are demonstrated.



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Working safely with electromagnetic fields

Who the course is suitable for

- Anyone who may work close to equipment that produces large EMFs including:
 - Welding equipment
 - Magnetic particle inspectors
 - Induction heaters
 - Electric transport
 - Magnetisers/demagnetisers
 - Large magnets
 - Broadcast antennas
 - Communication antennas (including people working on rooftops near antennas)
 - Radar
 - Power generation/distribution equipment
- Any person who could be at particular risk from EMFs, including:
 - People with an active implant/body worn device (eg pacemaker, defibrillator, insulin injector, cochlea implant, hearing aid, etc)
 - People with passive implants (eg joints, pins, plates, screws, stents, staples, clips, etc)
 - Expectant mothers

What's covered

- Introduction and theory of EMFs
- Sensory and health effects of EMFs
- Indirect effects of EMFs
- Workers at particular risk
- An overview of the regulations
- The concept of ALs and ELVs
- Requirements for health surveillance and medical examinations
- Working safely with EMFs
- Practical things to manage/reduce EMF exposure
- (if we have done an exposure assessment at your facility we will include key findings from that)

Duration

The course is one day long. If delivered at our offices we aim to start at 10:00 and finish by 15:00 to allow time for people to travel.

Cost

£350 (+VAT) per person – for a scheduled course at our offices.

We can run a course specifically for your organisation at our offices for a fixed total price of £1750 (+VAT) for up to 10 people.

We'd be happy to deliver the course at your site. Contact us for prices.



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Complying with CEMFAW

Who the course is suitable for

- Safety professionals
- People responsible for producing risk assessments
- Those responsible for ensuring their organisation complies with CEMFAW
- Supervisors
- People wanting to understand how to perform an EMF exposure assessment

What's covered

- Introduction and theory of EMFs
- Sensory and health effects of EMFs
- Indirect effects of EMFs
- Workers at particular risk
- Legislation – detailed requirements
- Relevant guidance documents
- ALs in detail
- Types of measurement equipment
- How to take measurements, including demonstrations
- ELVs in detail
- How to perform exposure calculations
- Practical things to manage/reduce EMF exposure
- Case studies
- Producing an EMF risk assessment

Duration

The course is 2 days long. If delivered at our offices we aim to start at 10:00 on the first day and finish by 15:00 on the second day, to allow time for people to travel.

Cost

£700 (+VAT) per person – for a scheduled course at our offices.

We can run a course specifically for your organisation at our offices for a fixed total price of £3,500 (+VAT) for up to 10 people.

We'd be happy to deliver the course at your site. Contact us for prices.



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