

EMF Testing

IME are the only company in the UK at this present time providing EMF Testing for the Marine Industry as required by the MCA.

It is now a Health & Safety requirement in the EU law for the protection of employees in the workplace against EMF and RF frequencies.

The EMF test survey has two aims:-

- **To establish a safe working distance for employees and staff in the vicinity of the equipment in question.**
- **Secondly to establish the exposure levels when operating the device and establish if action levels (AL's) are exceeded. As per regulations: MGN 559 (M+F) MCA Regulations, 2016 NO: 1026 Merchant shipping Regulations 2016, EU (1999/519/EC) and EMF DIRECTIVE 2013/35/EU.**

Saving you time & money!

Our tests can be achieved at sea onboard your vessels, saving you time and money.

Peace of Mind!

Both human exposure and electromagnetic interference concerns are addressed. The ultimate goal of our EMF testing is to place you in a position to make a responsible and informed decision about the area under evaluation, and to understand the options available for field reduction.



What we provide!

We aim to establish a safe working distance for employees and staff within the vicinity of the equipment.

We aim to establish the exposure levels, if they are exceeded. We will provide a report with what actions should be taken.



EMF Testing Procedure

Risk procedure, what we do!

When the equipment exceeds 100% of general public limit at the position in which someone is operating or would be in the vicinity of the equipment, and a procedure is not in place, advice will be given and documented to limit the risks and exposure.

- *Personal risk assessments and method statements*
- *The use of working methods that reduce risk*
- *Replace equipment that emits less electromagnetic fields*
- *The use of interlocks and shielding to reduce emissions of electromagnetic field*
- *Ensure appropriate maintenance programs are in place*
- *Altering the layout of workstations*
- *Limiting duration and exposure*
- *Barriers and warning signs put in place*
- *The report of adverse health effects*

An employer must give particular attention to;

- *Effects concerning health and safety*
- *Indirect effects e.g. pacemakers*
- *Projectile risks from ferromagnetic material*
- *The ignition of detonators*
- *The ignition of flammable/explosive material due to sparks caused by induced fields*