

Compliance Solutions for the Oil & Gas Industry

Electromagnetic interference (EMI) can have significant safety and cost implications for the oil and gas industry. Issues arising from the presence of unintentional radio frequency (RF) energy in the inherently hazardous working environment can pose a significant threat to personnel, to assets and to revenue.

Designers of new technologies intending to better explore the sea bed and to improve the extraction of oil from existing wells need to ensure the reliability of their operations. The remote locations present a number of challenges as, frequently, equipment needs to measure small signals delivered over long lengths of cables in a harsh electromagnetic environment.

Attempting to resolve issues *in-situ* can be both time consuming and costly. It is therefore important to build in the electromagnetic resilience necessary to provide confidence that the equipment will operate as intended.

At Eurofins York (formerly York EMC Services), we understand these issues and as RF experts we can help you to design and assess your products against enhanced requirements, in addition to those necessary to demonstrate regulatory compliance.

Testing

Eurofins York has extensive experience of [testing](#) and supporting our customers to demonstrate compliance with standards such as EN 60945 for marine navigation and radio communication equipment and systems; and EN 60533 for electrical and electronic installations in ships, amongst others.

In addition to laboratory testing, we also perform EM site surveys to assess the levels of ambient RF environment and on-site testing for large installed equipment such as those on-board ships and offshore platforms.

Through our extensive network of Eurofins partners are also able to offer ATEX support and testing.

Training

We offer a range of scheduled and bespoke or in-house [training](#) from one day courses including a one-day introductory course to EMC for the Oil & Gas industry through to our flagship 5 day Fundamentals of EMC.



Why Use Eurofins York?

- Access to knowledgeable and skilled engineers from 4 locations across the UK
- Third party product assessment providing assurance to your customers
- No problem too difficult! We pride ourselves on being able to deliver solutions to our customer's problems

Eurofins York (formerly York EMC Services) is an organisation with over 25 years experience providing regulatory, compliance and bespoke consultancy, compliance testing, training and instrumentation. We operate from four sites across the UK which include three test laboratories accredited by the United Kingdom Accreditation Service (UKAS), near Bristol, Leeds and in Grangemouth, with our headquarters in York.

Compliance Testing

Eurofins York is recognised as a leading independent provider of testing services in the UK for EMC, Radio Equipment, Electrical Safety and EMF; enabling products to readily and efficiently access the Global Market.

Our comprehensive suite of services and support ranges from pre-compliance checks through to fully UKAS accredited compliance, diagnostic and production testing. Eurofins York can therefore help you to ensure that your product meets its worldwide regulatory compliance requirements throughout its lifecycle.



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Consultancy and Research

Eurofins York prides itself on providing cost effective solutions to meet our customers' needs in the disciplines of EMC, Electrical Safety, Radio and EMF. Our company's dynamic link to the Department of Electronics at the University of York sets us apart from other consultancy providers and test laboratories by keeping us at the forefront of developments in our field.

Test Instrumentation

At Eurofins York we design, manufacture and distribute a range of unique noise and signal reference sources; used to verify test and measurement setups and to ensure the validity of EMC laboratory tests.

Available worldwide, our instruments are highly stable over time and their specified frequencies, ensuring that variations in your test environment are readily detected.

York Training Academy

Eurofins York has an international reputation for providing Training Courses for individuals and organisations. Our training portfolio ranges from one day introductory courses to advanced in-depth workshops.

Available at our UK-wide locations, as bespoke in-house courses, or through on-demand online training modules to watch in your own time, we are able to accommodate you and your colleagues changing needs.

For more information visit: <http://www.yorkemc.com/services/training/> or email training@yorkemc.com

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