

Compliance Solutions for the Renewables Industry

Today's fastest growing renewable energy technologies such as solar, wind, tidal, wave, and photovoltaic (PV) power provide both opportunities and challenges in order to meet the expectations of energy from sustainable sources.

Harnessing renewable energy provides technical challenges, ranging from the unpredictability of the natural energy sources themselves through to the reliability of the technology to transfer the energy into electrical power.

York EMC Services is an established, independent organisation offering a range of services to enable manufacturers, installers and operators to deliver power safely and reliably.

Our test engineers and consultants can work as independent specialists or as part of a larger team, assisting the renewable energy industry with regulatory compliance issues.



Electromagnetic Compatibility (EMC) Testing

- Assessment and guidance relating to CENELEC Technical report CLC/TR50373
- EMC Management for single or multiple WTGs, PV, tidal and wave plants as part of a fixed installation under the EMC Directive 2014/30/EU
- Product system and sub-system testing for equipment and apparatus intended to be integrated into a WTG, PV, tidal and wave plants
- EMC design consultancy and testing for high power electronics, WTG convertor and inverter systems
- On-site EMC surveys to identify electromagnetic threats

Electromagnetic Fields (EMF) Testing

- EMF assessments of installations to ICNIRP and European Directive requirements
- On-site EMF surveys and audits

Computational Modelling

We offer computational modelling of the effect of disturbing electromagnetic signals such as radio, TV and mobile telecommunications by moving objects, for example wind turbine blades.

Electrical Safety Testing

- Electrical safety assessments of installed systems
- Electrical safety assessments of equipment and apparatus to be integrated into a wind turbine installation

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
- We pride ourselves on being able to deliver solutions to our customers' problems



Eurofins York (formerly York EMC Services) is an organisation with over 25 years experience in providing: regulatory, compliance and bespoke consultancy; compliance testing; training and instrumentation. We operate from four sites across the UK including 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 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 Equipment 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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