

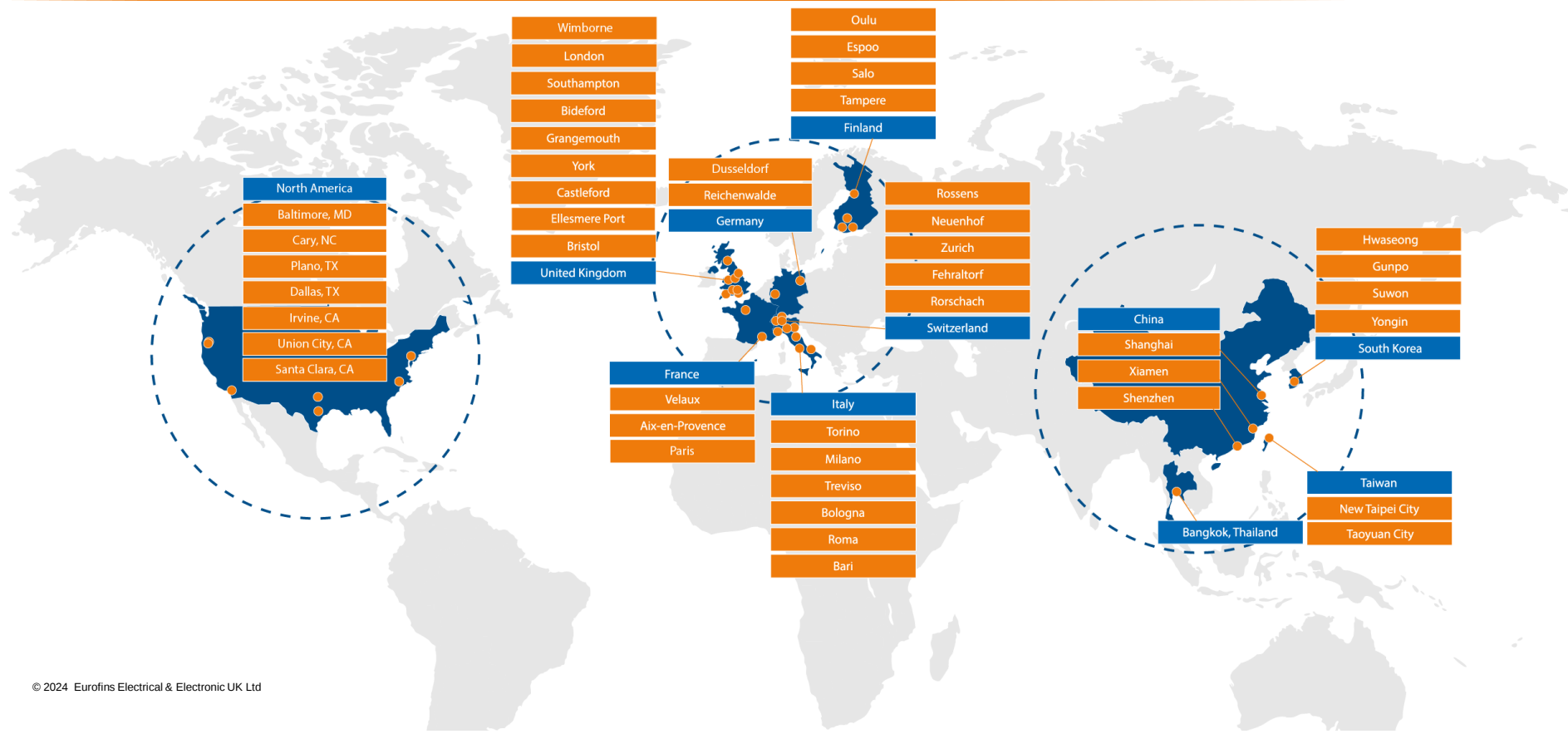
EUROFINS E&E UK COMPLIANCE, TESTING & CERTIFICATION

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Group Marketing Manager
Eurofins E&E UK

EUROFINS E&E UK

E&E global coverage



E&E UK Locations



Eurofins Electrical & Electronic UK Ltd

- York Office
- Expert Services, Global Market Access, Products, Admin/Finance, Marketing
- Grangemouth Laboratory
- Castleford Laboratory
- Bristol Laboratory
- ETC (Bideford) Laboratory
- London Laboratory
- Hursley (Southampton) Laboratory

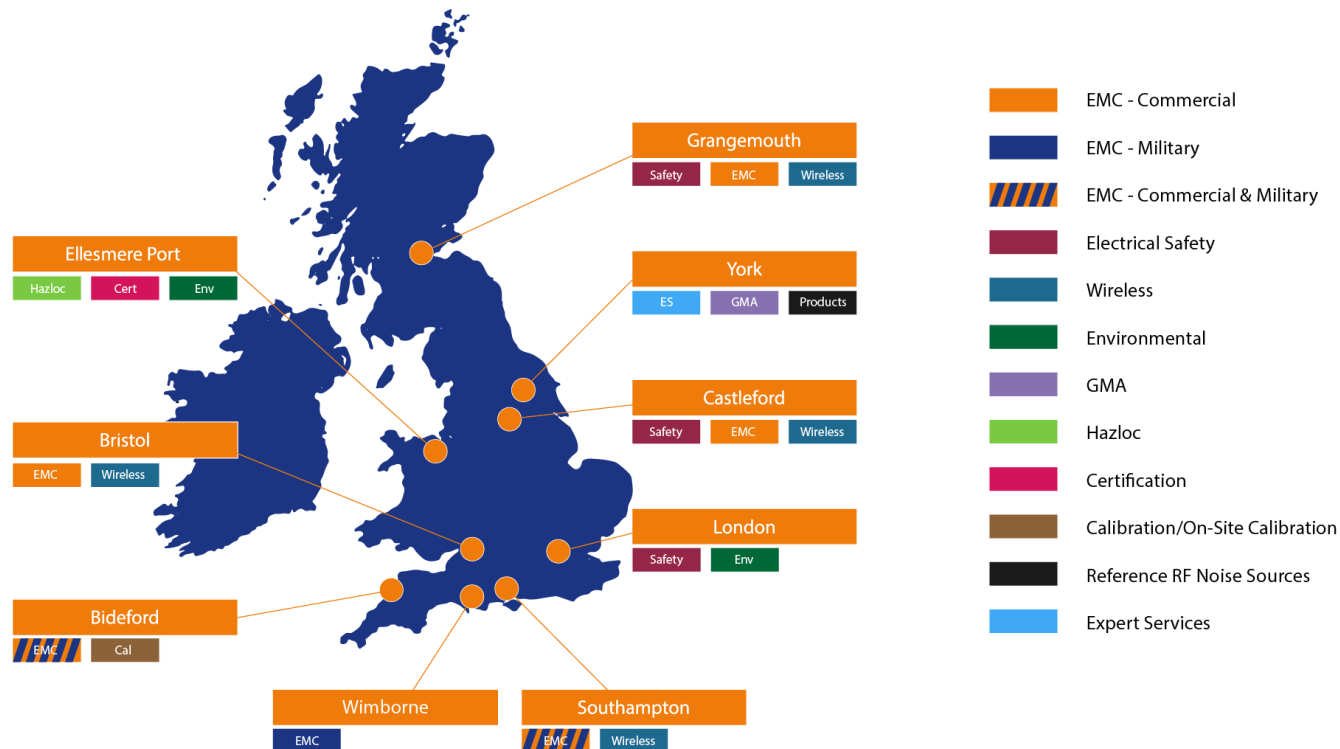
Eurofins E&E CML Ltd

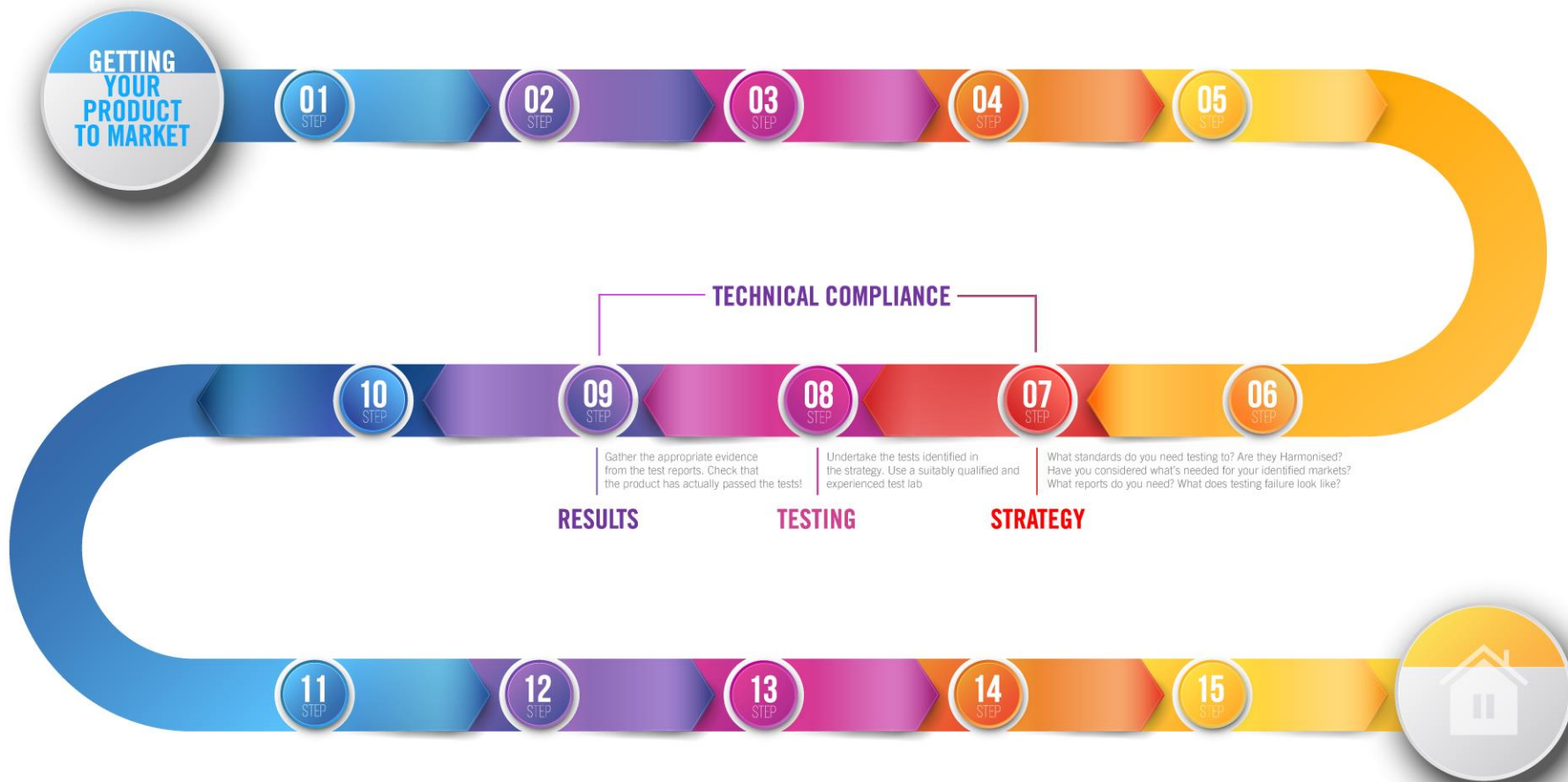
- Ellesmere Port
- Netherlands (EU) Office

AQL EMC Ltd

- Wimborne

E&E UK Locations





THE BIG IDEA!

WHAT DO YOU NEED TO DO?

DO YOU NEED TO TEST?

GETTING YOUR PRODUCT TO MARKET

You've thought of the next big idea.
So what's next?

01
STEP

02
STEP

03
STEP

04
STEP

05
STEP

Identify the requirements of any and all relevant Directives,
Regulations and Legislation for your markets
What does Compliance look like for you?
How much risk are you willing to take on?

Determine whether you need to undertake testing,
and if so, what testing do you need?
How compliant are your components?
Remember, CE + CE ≠ CE!

Identify the markets you want to sell into.
These are not just geographic - think about
demographics, market sectors etc

Identify the route to conformity and to
your markets. Are you the manufacturer?
Are you an importer? Are you a distributor?
Do you know what these actually are?

THIRD-PARTY CERTIFICATION

In-country testing, shipping samples,
certification requirements, labels,
documentation, manuals, languages...

WHAT'S THE MARKET?

THE PROCESS

WHAT & HOW DO YOU NEED TO TEST?

Have your requirements been
clearly defined. Have you
covered everything?

TECHNICAL COMPLIANCE

10
STEP

09
STEP

08
STEP

07
STEP

06
STEP

Gather the appropriate evidence
from the test reports. Check that
the product has actually passed the tests!

Undertake the tests identified in
the strategy. Use a suitably qualified and
experienced test lab

What standards do you need testing to? Are they Harmonised?
Have you considered what's needed for your identified markets?
What reports do you need? What does testing failure look like?

RESULTS

TESTING

STRATEGY

ADMINISTRATIVE COMPLIANCE

PLACE ON THE MARKET

Deliver to your customers, importers, distributors,
end users or authorised representatives.
Do you know which one you are?

11
STEP

12
STEP

13
STEP

14
STEP

15
STEP

Assemble the technical file to
demonstrate compliance with **ALL**
of the requirements identified.
Ensure all identified risks are covered

If you are the manufacturer, create
and sign the DoC. Check that it
is correct and is available as required

Mark and label the product.
Have you met **ALL** of the labelling &
marking requirements of **ALL** of the
Directives, Regulations & Legislation?

Are you tracking changes in
Directives, Legislation & Standards?
Has your product changed in any way?
Are there new or updated requirements?

TECH FILE

DoC

LABELLING

ON-GOING COMPLIANCE



OUR SERVICES

E&E UK Core Services

EMC, Radio/Wireless Testing & Product Certification

- UKAS-accredited EMC testing
- Commercial, Military & Aerospace EMC testing
- Radio/Wireless Testing
- Medical Device Testing
- Global Market Access
- Compliance Support & Strategic Compliance Services
- On-site & Laboratory Testing
- Bespoke EMC testing
- Regulatory compliance advice
- Pre-compliance, compliance and fully accredited EMC testing
- On-going compliance assessments
- CE & UKCA Marking
- IECEE CB Scheme
- NRTL with the MET Mark
- Global Product Certification Marks
- Cybersecurity

E&E UK Core Services

Product Safety

A comprehensive range of product safety testing, certification & approvals including:

- Electrical Equipment (Safety) Regulations 2016 for UKCA Marking
- LVD (Low Voltage Directive) testing for CE Marking
- NRTL Safety Services for the US & Canada with the MET Mark & Eurofins E&E North America
- Global Product Safety Compliance with the IECEE CB Scheme + Region-specific safety certifications
- 13A UK Plug Certification, BS 1363, BS 8546, IEC 60884 + Regional Deviations

Expert Services

Compliance Support, Global Market Access & Strategic Compliance Services

- Technical Documentation guidance & review
- On-going Regulatory Compliance Management, Guidance & Support
- Bespoke Testing & RF Engineering
- Modelling & Research
- A range of bespoke services covering all aspects of EMC, EMF, RF, Modelling & Compliance

Global Market Access

Country specific approvals and certifications for all electronic products

- Guidance and support
 - RF / Wireless Approval
 - EMC Approval
 - Safety Approval
 - Chemical Approval
- Covering all regions including:
- Asia
 - Africa
 - Australasia
 - Central and South America
 - Middle-East

E&E UK Core Services

ATEX/UKEx/IECEX & IP/IK Testing

A comprehensive range of product safety testing, certification & approvals including:

- Hazardous Area Product Certification
- ATEX, UKEx (UKCA), IECEX, MET NRTL Certification & Approval
- Japanese Ex Certification
- Laboratory Ex Testing Services
- IP (Ingress Protection) & IK (Impact) Testing
- Functional Safety Product Certification
- Management System Certification (QAN/QAR/ISO 9001:2015)

Training

- Scheduled & Bespoke Training
- Product Compliance, UKCA/CE, EMC, EMF, LVD, Radio Equipment
- Rail, Military & Product EMC
- In-house training available

A comprehensive range of training to help manufacturers, project engineers and designers achieve regulatory compliance in a knowledgeable and cost effective manner.

Reference Test Equipment

- CGE Comb Generator Emitters
- CNE Comparison Noise Emitters
- HFG Harmonics & Flicker Generators

A range of reference noise and signal sources for the verification & test of EMC & RF measurement setups.

Ideal for shielded effectiveness testing & long term performance checks.

E&E UK Core Services

Test Equipment Calibration

EMC Test Equipment including

- Receivers with full quasi-peak response
- Surge, Burst Transient & EFT Generators
- Line Impedance Stabilisation Networks (LISNs)
- Surge & Transient Generators
- RF Power Amplifiers
- Electro Static Discharge (ESD) Simulators

- Spectrum Analysers & Harmonics/Flicker Analysers
- CDNs (Coupling/Decoupling Networks)
- On-site calibration of Transient & Burst Generators
- On-site calibration of ESD Generators
- Antennas (ISO 17025 Accredited up to 26GHz)
- RF measurements up to 40GHz (ISO 17025 Accredited)
- ISO 17025 Accredited calibration of complex quantities using LFNVA (Low-Frequency Vector Network Analysis)

- ISO 17025 Accredited calibration of Noise sources, comparison noise emitters, comb generators and similar equipment
- Current & Injection Clamps
- Power Meters & Sensors
- DCLF & High Voltage test equipment
- Pressure, Temperature & Dimensional measurement instruments
- Force & Torque up to 200Nm

Thank you

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