

Product Compliance Services

Achieve shorter times to market with **ELMG's** international expertise, experience and market knowledge

Go to your export market with confidence

Be certain that your product complies before you test it

Develop in house compliance competence

ELMG's complete product compliance service package includes

- Compliance planning
- Standards research and advice
- North American UL and CSA
- Europe CE
- NZ and Australia C Tick
- Compliance path planning and advice
- Help and advice with evidence of compliance
- Design for compliance including detailed design choices
- Worldwide Telco local loop connection compliance
- Experience dealing with international compliance agencies
- Development of compliance processes
- Fitting compliance into your business
- Training in compliance for your people

Product Compliance

Complying with the technical product compliance requirements of an export market is a first step to market entry. UL requirements in the United States of America and CE marking requirements in the European Union are perhaps the two most common requirements. Other countries and markets have other requirements enforced through different compliance mechanisms. When faced with these unknowns certainty and confidence in the advice and help you get is paramount. **ELMG** gives you that certainty.

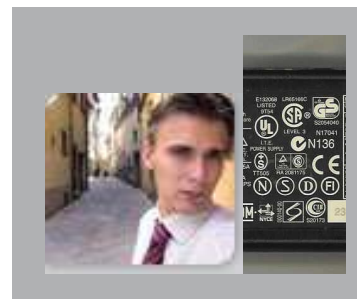
Export market confidence

ELMG experience and international connections ensures that by designing compliance into the product you can be sure of the product's technical acceptance into the export market.

ELMG: Product compliance specialists

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ELMG: Product Compliance Specialists

Design for compliance, test with certainty and get the product to market fast

When developing compliant product the compliance requirements are design requirements. We can help you ensure that designs are compliant and that product managers are aware of and are taking care of these requirements. With **ELMG's** expertise products are designed for compliance from the very beginning. **ELMG** experience in the detail of product design means that your specific compliance problems can be dealt with. This will ensure that there will be no last minute road blocks when type testing. **ELMG** will avoid you the stress and cost of finding that the creepage distance from an AC mains circuit to safe extra low voltage circuit is insufficient. **ELMG** will let you stay calm when you learn that UL intend to short out the power supply inside your product when they do the type testing. Together with **ELMG** you can achieve faster time to market by being sure that the plastics used in the product case meets UL fire resistance criteria.

ELMG also have experience in dealing with third party compliance agencies where the path to compliance needs to be developed. This typically occurs when the product falls outside an area where there has been significant effort in standardisation

In house competence building

Capturing and embedding compliance know how is a big ask for relatively small companies. **ELMG** can provide education and training services to enable your people to manage and develop compliance processes for themselves. Alongside this **ELMG** expertise in the detail and management of product development is very useful in ensuring company and management buy in to the required management processes and approaches.

ELMG have experience in developing and using "How we do it here" systems for multi-market compliance. **ELMG** will translate the standard requirements into requirements for your specific product range and codify these into tables and internal company reference documents. This is especially effective is where the requirements of multiple standards from two or more different markets, typically the EU and the US, must be simultaneously designed into the product.

The most surprising thing about a compliance process is that it creates a structural organisational change and power shift in the organisation. Typically design engineers feel threatened by it as they now must somehow obey new rules enforced by an external third party. Research and development managers are put under pressure to reduce the number of development cycles as each cycle requires re-testing. Executives and senior managers feel that some of the flexibility in the way the company operates is gone. **ELMG** can help you manage this change in your business.

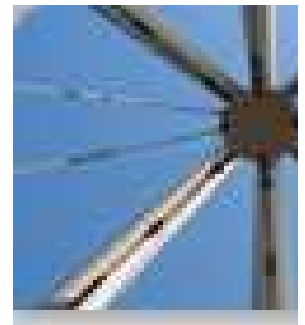
See Frequently Asked Questions on compliance and their answers at www.elmgnz.com/faq-compliance.html

Contact ELMG: Product compliance specialists

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ELMG offer a range of development services for new and existing electronic & software products. Look at www.elmgnz.com for more information on :

- Turnkey Solutions
- Go To Market Planning
- Product Development
- Electronics Development
- UL Compliance
- Idea Development
- Electronics for Products
- Comprehensive Solutions
- Technical Direction
- CE Compliance

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