

Energy Safety Service

Our Vision

Safe energy - safe people

Electricity and gas produced, distributed and used safely

Consumers' rights to safe installations and appliances

Accurate and fair energy measurement

Quality of petroleum fuels, electricity and gas



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Energy Safety Service

Our Role

Administer legislation

Monitor and enforce compliance

Inform / educate consumers and businesses

Develop standards

Ensure petroleum fuels quality

Ensure supply quality / measurement of electricity
and gas

Provide advice to Government



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The Electrical Regulatory Regime in a wider context.



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Regulatory Environment

The Government seeks to provide a regulatory environment that provides consistent health and safety outcomes as the dynamics of the economy change over time.



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So, what is changing:-

NZ is a part of the international community.

NZ's future wealth is therefore dependent on being part of a global regime which looks to:-

- reduce barriers to trade,
- support innovation and investment and,
- provide a domestic infrastructure to take advantage of trade opportunities.



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What is changing:-

Internationally, technology is advancing rapidly, and NZ society demands access to the benefits that this technology can deliver and at a reasonable cost.

To meet these demands the market for electrical equipment has become global :-

- All the world's manufacturers expect to have access to all the world's consumers. Conversely,
- All consumers expect to have access to all of the world's technology,



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What is changing:-

The number and diversity of product coming on the NZ market is staggering.

NZ imports approx \$3 Billion of electrical equipment annually.



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What is changing:-

The emergence of the Asian manufacturing base as a low cost supplier is changing the risk, both in terms of safety and commercial viability to the NZ market place.

China, for example, is for the first time, NZ's principal supplier of electrical equipment valued at \$450 million



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Regulatory Environment

...where:-

- safety is being addressed through international process
- a more multi-disciplinary approach to determining safety, and the application of Standards that are internationally based, is applied

Approximately 12,000 international Standards have been published from a base of zero 30 years ago.



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Regulatory Environment

The ESS, as the NZ Regulator of electrical safety, has responsibility to protect the safety of people and their property through the development and implementation of a Regulatory Regime that allows for market flexibility and delivers an acceptable level of safety.



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Role of the ESS

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Regulatory Approach

The Regulatory structure provides for this through a largely “Post Market” surveillance based system supported by a risk management based “Pre-Market” Approvals Regime.

This system relies on appliance suppliers having a good understanding of the Regulatory System and an appreciation of what it is seeking to achieve, and their responsibility for compliance.



Regulatory Approach

Where compliance is falling short of acceptable levels the ESS responds through:-

- enforcement
- education, and/or
- Regulatory change.



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Regulatory Approach

This workshop is therefore targeted at:-

- Providing suppliers with information on the Appliance Safety Regime, and
- Advising improvements to the regime in response to non-compliance.



Thank You



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