

A one day intensive workshop to update you to the principles and practices of the art of lightning protection by addressing lightning protection at design phase a more elegant and cost effective solution becomes available.

The way we use electricity and the way we live has gone through a massive change over the last 30 years, we need to keep our designs aligned with the new world.

The course is accredited to offer 1 CPD point by SAIA.

The course will guide you through the requirements and address the practical implementation of the codes of practice.

Surge protection as part of the LPS system is recommended for increasingly technology advantaged infrastructure.

Professionals ensure that safety and weather resilience is addressed in the design phase. When you consider all the factors involved in designing to the highest standards, does it not make sense to include lightning protection in this pursuit.

Structure resilience to this inevitable catastrophic random event can and should be addressed at the design phase.

Find out how the inclusion of compliant lightning protection systems for your state of the art designs can benefit the building environment and people using it. Architects have a professional responsibility to ensure that the customers work is performed in accordance with codes of practice to recognised standards. ELPA is the professional body for lightning protection.



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BUILD TO PROTECT A BLUEPRINT FOR ARCHITECTS

**BUILD WITH LIGHTNING IN MIND TO
HELP MEET YOUR STANDARDS OF CARE**

The hazards of lightning are often overlooked.

Lightning is responsible for millions of Rands in homeowner's insurance claims annually. The costs of non-residential lightning incidents are much higher including surge, structural and fire losses excluding injury related costs. A single lightning strike can generate millions of volts of energy compared to the electrical voltage of 240 volts that the equipment is built for.

These damages and related claims can be eliminated by installing compliant systems.

Build to protect and reduce the risk of damage due to lightning.

The codes of practice set guidelines and standard to address these needs.

By addressing the LP requirements at the design / conceptual phase provides a superior level of service with long term advantages.

Lightning protection systems have become increasingly important as businesses and planners continue to emphasize safe and sustainable approaches to design and construction. In an era where construction science and our dependence on electronic technology are evolving at such a rapid pace, specifying the lightning protection system during the design and build cycle is the best approach to good risk management practice.

Insurance industry trends are recognising the cost reduction afforded by compliant LPS installed.

Reasons to consider an LPS system at design phase:

In an increasingly electronic reliant society, vulnerability to these manageable risks must be ensured.

Pricing for an LPS system runs less than between 0.5% and 1% of the value of a project.

The OHSA risk management measures for public ventures must take LPS into consideration.

The development of our laws and standard require that the risk management process detailed in our codes of practice (62305 part 2) be employed for the determination of a structure or service LP requirements. Be entertained, be educated, be up-skilled and find out what you need to know by attending this workshop presented by the highest rated and most attended lightning protection lecturer in South Africa.

For more information about our training options please contact us @ www.powerquality.co.za or give us a call on 011 827 3270