

Training Services

PowerLogic offer the following training services:

- Power quality – 3 day course;
- Electric shock investigations and rectify faults – 1 day course;
- Advanced electric shock investigations – 1 day course;
- Basic Power Systems – ½ day course;
- Basic Power Systems/Power Quality – 1½ day course;
- Electrical safety training for plumbers – 1 day course;
- Lightning awareness – 1.5 hrs;
- Fault loop impedance – 1.5 hrs.

Consulting Services

PowerLogic offer the following consulting services:

- Electric shock investigations (people and/or livestock);
- Power quality problems and solutions;
- Swimming pool electrical safety;
- Lightning risk evaluation & protection;
- Policy and procedural development;
- TV/Radio interference from powerlines;
- Electrical safety inspections;
- Instrumentation issues;
- Energy/demand management and cost reduction.

Please don't hesitate to contact us if you need help in any of these areas.

To arrange training or consulting services contact:

PowerLogic electrical consulting & training

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Gladstone NSW 2440

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PowerLogic electrical consulting & training

Is a trading name of:

Electrical Consulting and Training Pty Ltd

ABN: 38 116 092 365

 **PowerLogic**

electrical consulting & training

Lightning Awareness



Course Objective

Numerous people get struck by lightning every year in Australia.

This course seeks to increase the knowledge of all personnel at a site to help ensure their safety when storms and lightning are local.

Providing this training will help to cover your duty of care.



Staff need to know what to do if storms are local

Participants will receive:

- A copy of the course slides;
- A certificate of attendance.

How Does the Training Occur?

We come to your location to save your staff's valuable time. The course takes approximately 1½ hours.

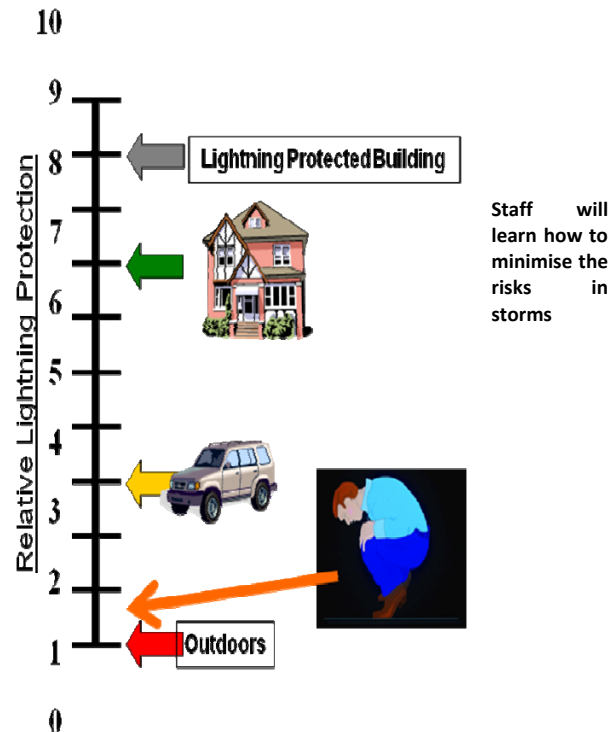
All people at a site may attend if facilities are large enough.

A room, sized for the number of trainees, is required with whiteboard, data projector (if available) and projector screen.

Course Content

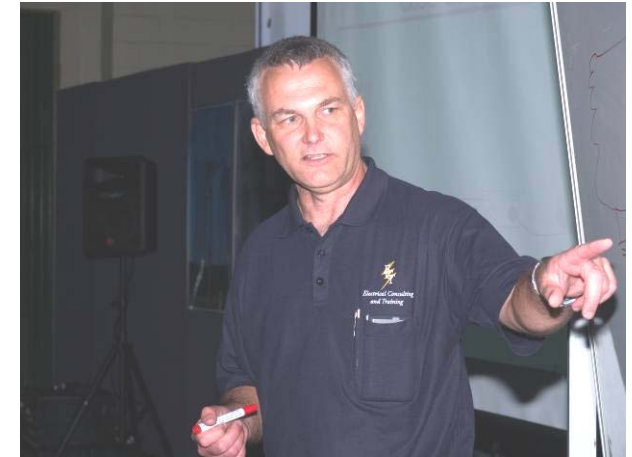
This course includes the following content:

- How lightning occurs;
- What causes thunder;
- The odds of being struck and where this is most likely to occur;
- First aid and long term disabilities for strike victims;
- Activities and hazards to avoid outdoors;
- Activities and hazards to avoid indoors;
- Learning the early warning signs of being struck;
- Things to do to ensure personal safety.



Your Instructor – Chris Halliday

Chris Halliday had over thirty years in the electrical distribution industry before establishing his own consulting business in October 2005.



Chris has been working for various clients including network distribution companies, low and high voltage electricity users and shire councils. His consulting and training services are primarily focused on issues associated with power quality and shocks investigation, particularly for distribution companies.

He has spoken at numerous conferences on shock investigations, power quality, voltage management and network monitoring. These conferences have included the National and NSW chapter Electric Energy Society of Australia conferences, Energy 21C, the 13th IEEE International Conference on Harmonics and Quality of Power (ICHQP) and NSW Energy Industry Field Days.

Chris was previously the Power Quality Manager at Country Energy having established their power quality department from the ground up. He developed procedures and training for power quality and shocks investigations at Country Energy and is still their preferred trainer for these issues.