



ThunderBolt™

STORM DETECTOR

It's all about safety and productivity

Under Section 19(1)(a) of the Occupational Health and Safety Act, employers have a duty of care to ensure, as far as practicable, that employees are not exposed to hazards in the workplace. Three basic steps should be taken to ensure a safe and healthy workplace. They are based on the concept that the workplace should be modified to suit people, not vice versa. The three steps are:

1. Identifying the hazards - involves recognising things which may cause injury or harm to the health of a person, for instance, potential exposure to harm, flammable materials, ignition sources and machinery.
2. Assessing the risk - involves looking at the possibility of injury or harm occurring to a person if exposed to a hazard.
3. Controlling the risk - by introducing measures which will eliminate or reduce the risk to a person if exposed to a hazard.

It is important to regularly review these steps, especially if there are changes in the work environment where new technologies are introduced, or where standards are changed.

The **Lightningman Thunderbolt** uses a proprietary technology to detect and determine the distance to severe weather, which is virtually always indicated by lightning activity. Through the application of advanced electronics and proprietary software, its high sensitivity, single channel receiver detects electromagnetic field emissions from lightning activity within a storm cell.

Thunderbolt detects, identifies and tracks storm activity sufficiently intense to generate lightning within 100km of the users location. The unit operates in excess of 75 hours on a single 9V battery.



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