



# ELIMINATE YOUR ARC FLASH BURNS RISK

Obtain a free **evaluation**  
of **SafeARC®** at your site  
today!



The **Engineered** Arc Flash Hazard  
**Elimination** System

Arc flash\blast is an electrical plasma explosion from electrical equipment which can cause death, or severely burn a person near the equipment.



## Why choose to Eliminate the Arc Flash Hazard

Legislation requires that safety hazards be eliminated or mitigated *so far as is reasonably practicable* (SFAIRP). SFAIRP requires a positive demonstration of due diligence. The wearing of high levels of PPE alone, Cat 4 Arc Flash PPE, as shown below, does not demonstrate the highest level of due diligence and is impractical to carryout electrical work.



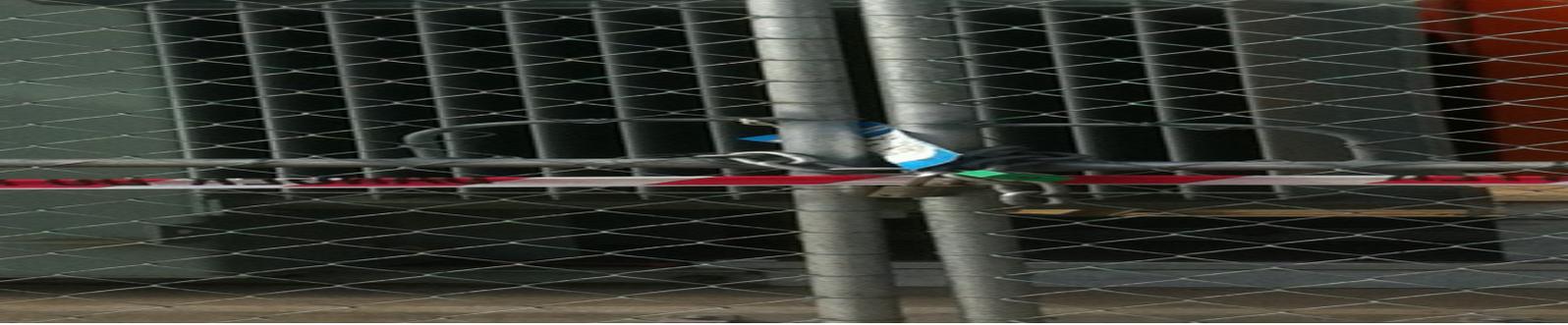
## Our Engineered Solution helps your business.

The implementation of SafeARC®, our engineered solution, lowers the consequence, i.e. eliminates the chance of 2<sup>nd</sup> degree burn injuries, by rapidly disconnecting power, thereby lowering the available energy which causes the burns. This lowers the level of arc flash PPE required. Your people may again use cotton drill PPE for most non-electrical tasks.

This will in addition lower your PPE costs and improve your people's productivity.



Note!, For electrical work we always recommend a minimum of PPE Cat 1.



## Our Solutions



### **Power System Analysis and Condition Assessments**

Get a global view of the state of your electrical system by establishing and understanding the hazards through professional expert assessment.



### **SafeARC® Arc Flash Mitigation Strategies**

Implement an arc flash mitigation strategy, that includes elimination of the hazard through the adoption of SafeARC®. Strengthen it with other measures using the Safety Integrity Level, SIL, approach set out in AS61508 through layers of protection.



### **Electrical Safety Management Programs**

Obtain a customised solution for your electrical safety management program based on Australian and US NFPA70E standards. Provide awareness training that targets your risks and makes a difference to your electrical safety culture.



### **Electrical Risk Assessments**

Let us assist your team to become proficient in completing electrical and



## Our Vision

To eliminate the potential for seriously injury due to electrical arc flash events.

What you get by **Doing**  
**Business** with Us



A Firm with over 30 years of power system analysis experience



A Firm that is actively engaged with arc flash standards in the USA



A Firm with that is recognised as one of Australian's arc flash experts



Fixed priced, turnkey, practical solutions



Economical capital appropriation, compared to MCC replacement



Minimal ongoing maintenance costs compared to PPE supply

**Improved Safety**  
**Burn Risk Eliminated**  
**Improved Productivity**  
**Low Capital Cost**  
**Type Tested System**  
**Field Reliability Proven**



## **Contact Us**

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 <http://www.SafeARC.com>

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International Patent PCT/AU 2010/001350