

# HAZARD ALERT

## ELECTRICAL ITEMS – POWERBOARDS

29 May 2018

### REFERENCE:

WHS Act 2012 (SA) sections 17, 19 & 21  
WHS Regulations 2012 (SA) – Part 7  
CSH&WSA Document No. 9 – Electrical Procedure

### OBJECTIVE:

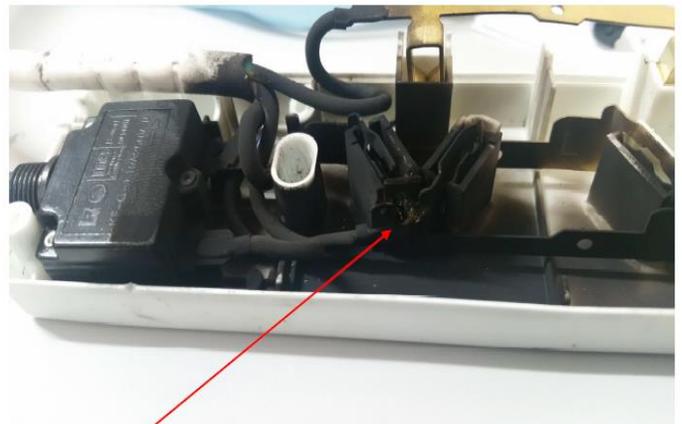
To ensure the safe use of power-boards.

### BACKGROUND:

Recently a staff member sustained an electric shock when pressing the reset button on a power-board. The 3 pins can be seen to be enlarged from possible heat damage (large smart TV was plugged in). The holes had burned through the housing. Movement resulted in the pins arcing, which overloaded and tripped the power-board. The item involved was a 240 volt, 4 outlet power-board. It had not been tested & tagged.



Enlarged Holes possible heat damage



Hole burned through housing

### PREVENTATIVE ACTIONS:

- **Check all power-boards to ensure the pins have not been damaged or affected by heat.**
- Ensure they have been tested & tagged
- Conduct a risk assessment on the use of the power-boards. It is recommended to purchase and use power-boards that have individual on/off switches for each outlet.
- Implement controls identified during the risk assessment
- When conducting workplace inspections, check electrical cords to ensure they have been tested & tagged.
- Personal power-boards must not be brought in from home.

**FOR ENQUIRIES OR FURTHER INFORMATION PLEASE CONTACT YOUR WHS CONSULTANT**