

Identifying faulty portable electrical tools and equipment

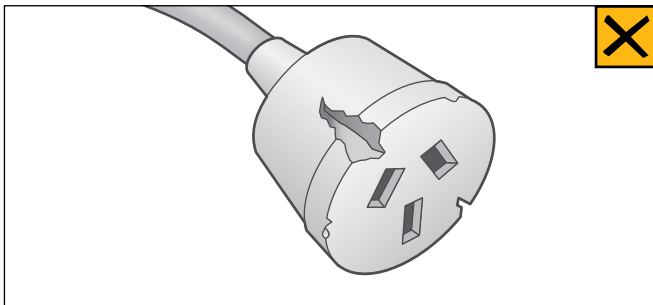
What is the problem?

Damaged or faulty portable electrical tools and equipment in use at workplaces.

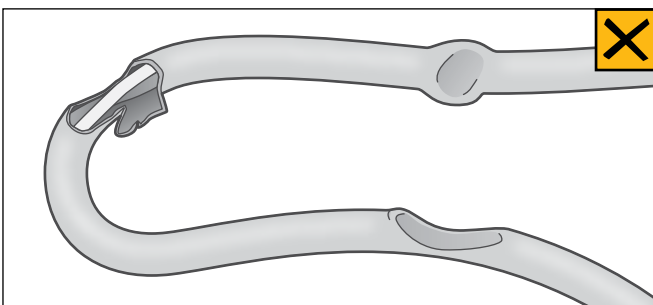
What are the risks?

Workers may be at risk of electrocution, electrical shock or injuries from a fire.

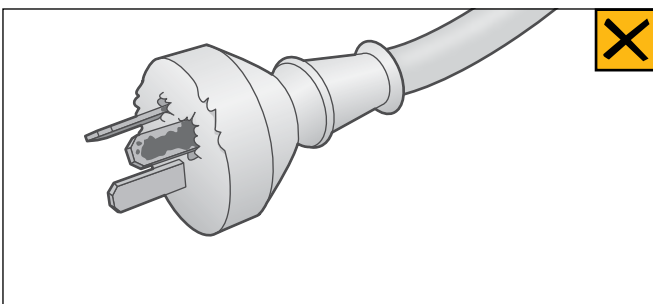
The problem



Extension socket is cracked and split.



A lead has had heavy objects dropped on it, causing broken and deformed insulation.



A plug top shows signs of heat damage. Further use could cause a fire.

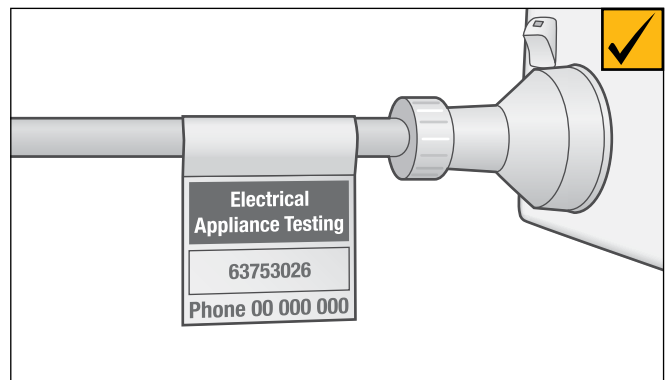
HSS0037/01/10.08

What is a solution to the problem?

Establish an inspection and testing regime for electrical tools and equipment that includes:

- a competent person regularly electrically testing and inspecting tools, extension leads and portable electrical equipment – inspection tags should be fitted
- recording inspection details in an equipment register
- tagging out and removing all faulty equipment for repair or disposal
- using only competent people to repair damaged electrical leads, tools and equipment.

A solution



Test and tag.

Further Information

WorkSafe Advisory Service

Toll-free: 1800 136 089
Email: info@worksafe.vic.gov.au
worksafe.vic.gov.au

Australian Standards

AS/NZS 3760:2003 *In-service safety inspection and testing of electrical equipment*

This can be purchased from Standards Australia or downloaded at standards.com.au