

HAZARD ALERT

Electrical Danger – Capsule/Pod Coffee Machine

10 February 2020

REFERENCE:

WHS Act 2012 (SA) sections 19, 21 & 27
WHS Regulations 2012 (SA) – Regulations 147-150
CSH&WSA Document No. 14 – Hazard Management

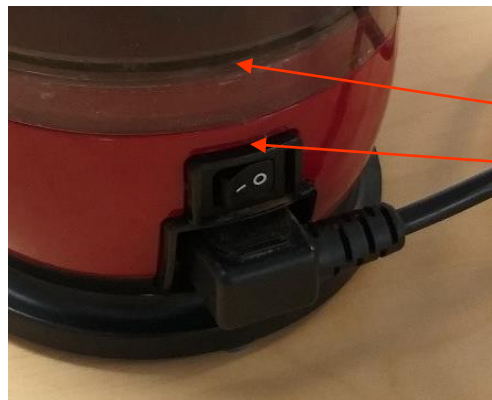
OBJECTIVE:

To ensure hazards are identified, risks assessed, and effective control measures are developed and implemented to minimise the risk of electric shock to workers and other persons.

BACKGROUND:



A worker attempted to make a coffee using a portable capsule/pod machine when they received an electric shock. Staff were not aware that over a period of time, water had been leaking through a small crack in the seam of the plastic water container base and had been running into the electrical switch/plug resulting in the worker receiving an electric shock when it was touched. The RCD did not trip out as the machine is double insulated and therefore does not have an earth. The poor design/placement of the switch and cord ultimately contributed to the electric shock.



Water was leaking from a small crack in the plastic seam and running down in to the electrical components

PREVENTATIVE ACTIONS:

Please check your existing coffee pod machine/s, if you have one, for signs of water leaking from the container or any stains that show water may have entered the switch and/or cord. If your site has the same design as the machine shown in this alert, consider replacing it with a unit that has the electrical components on the top, or front, of the machine. If you decide to retain your current machine and it looks similar to the one in the alert, increase your visual inspections on the water container and switch/cord location for leakage. If water is discovered around the electrical components, turn the machine off immediately and lock it out.

For enquiries or further information please contact your WHS Consultant at CSHWSA