



HEALTH, SAFETY AND EMERGENCY MANAGEMENT

Promoting a safer place to work and study

HSEM ALERT

Electrical Safety – Unauthorised Modification of Electrical Equipment

Who needs to read this?

All University staff and students

Background



IP66 water resistant plug



Regular household moulded plugs

Information

In a recent incident, an unauthorised person replaced approved IP66 (water resistant) electrical plugs with regular household electrical plugs, for use in a wet laboratory.

These incorrectly wired plugs, attached to aluminium encased fluorescent lights in a wet environment, created a dangerous electrical hazard for laboratory users.

The equipment was immediately removed from service and tagged out by a Curtin Electrician.

Modifying electrical plugs and/or other electrical equipment is NOT permitted at Curtin. Only qualified and Curtin approved electricians and electrical contractors may undertake electrical works at the University.

Recommendations

If you require any electrical works or alterations to electrical equipment, seek approval from your Supervisor, Laboratory or Facility Manager, then complete a Properties, Facilities and Development [On-line Request Form](#).

Who do we call with questions?

If you have any queries, please contact Health and Safety on 9266 4900 or healthandsafety@curtin.edu.au.

References

Electricity (Licensing) Regulations 1991

Curtin University [Electrical Safety Procedures](#)

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