

equipment including UNSW laboratories. While activities may not be on energised equipment, all equipment must be managed as though they are live until proven otherwise.

How to manage electrical equipment to ensure safe use:

All individuals must ensure that all electrical work (including repair and maintenance work) is not carried out on energised electrical equipment. Ensuring that all equipment is de-energised eliminates significant electrical risks. The following are the key steps for an effective isolation of electrical supply.

- - x Isolation:
 - o each exposed part is to be treated as energised until it is isolated and determined not to be energised,
 - o disconnect active conductors from the relevant source(s), noting there may be multiple sources, and stand-by systems/generators/photovoltaic systems as well as auxiliary supplies from other boards,
 - o if a removable or rack out circuit breaker or combined fuse switch is used, it should be racked out or removed then locked open and danger tagged,

“Test for dead” protocols:

The safe protocol of

