

## Electrical Safe Isolation (Working Dead to Stay Alive)

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This guide explains how you should safely isolate electrical equipment prior to working. It is essential you follow this procedure to prevent both electric shock and injuries due to equipment starting up unexpectedly.

### Equipment Required:

You need the following equipment to be able to safely isolate and lock off a supply:

- Isolation padlock & key;
- Multiple worker isolation padlock tag;
- Isolation devices to suit different isolators / MCBs etc;
- Warning notices;
- Voltage tester;
- Voltage proving unit.

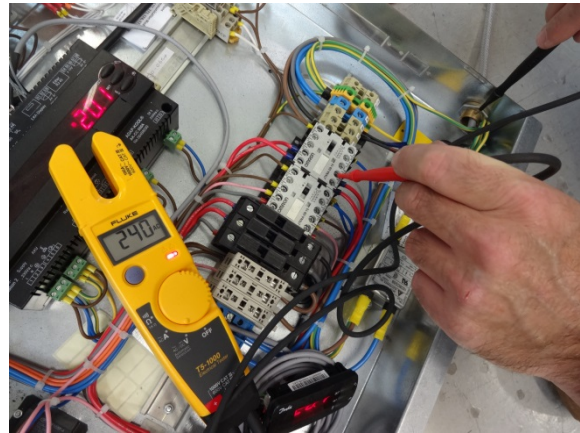


### Safe Isolation

1. Identify the circuit or equipment to be worked on;
2. Check condition of voltage tester and operation against a known voltage supply;
3. Isolate supply and secure isolation – lock off (multi lock off if multiple workers);
4. Prove circuit dead – use voltage tester and re check against a known voltage supply;
5. Retain keys and post 'caution' and 'danger' notices;
6. Take precautions against adjacent live circuits / equipment – if any;
7. Issue permit to work ;
8. Work dead.

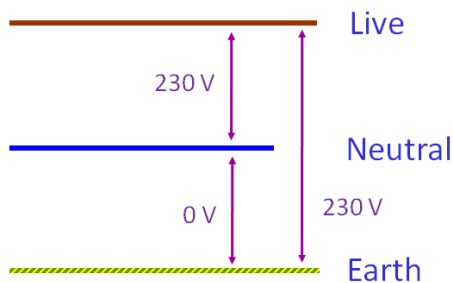
## Reinstating Supply

1. Ensure all work is complete;
2. Ensure all covers and lids are replaced;
3. Remove lock off and warning notices (multi unlock if multiple workers);
4. Reinststate supply;
5. Turn on equipment locally if possible;
6. Sign off permit to work.

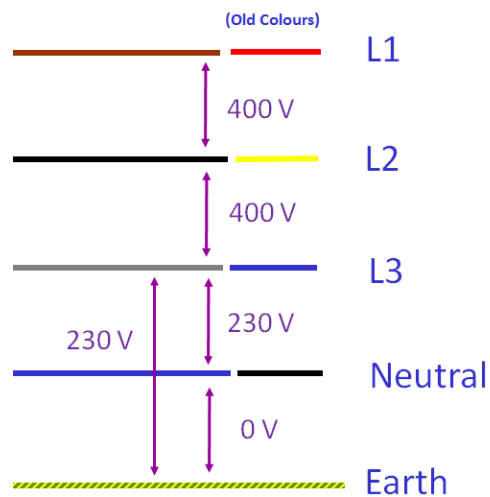


## Voltages and Cable Colours

### Single phase



### Three phase



### Disclaimer

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