

# THE SHOCKING TRUTH ABOUT INSTALLER SAFETY

**13x** FATAL INJURIES

**228** INJURED



RIDDOR statistics report thirteen people died and a further 228 people were injured by electricity or electrical discharge while at work between 2020 and 2021.

**28%** of electricians rarely or never use a lock out kit to isolate the electrical supply they are working on

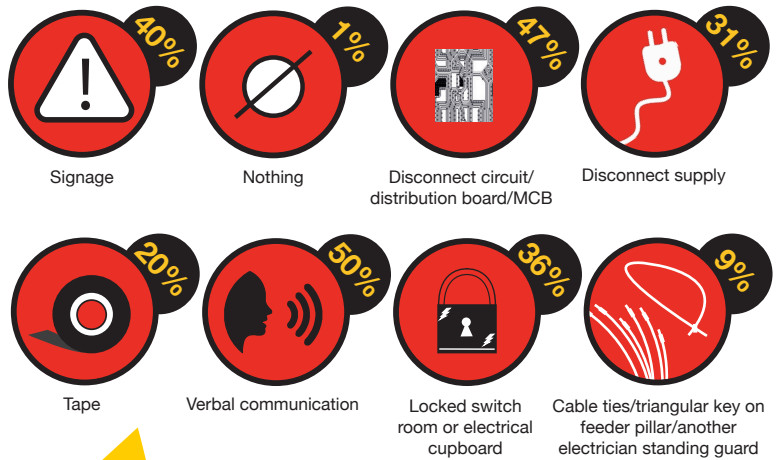


**66%** of industrial installers would definitely use a lock out kit compared to **30%** of domestic installers

## WHY DON'T INSTALLERS REGULARLY USE A LOCK OUT KIT?



## ALTERNATIVES TO A LOCK OUT KIT USED BY INSTALLERS:



**1 IN 70**

DON'T USE ANY TEST EQUIPMENT TO ENSURE THERE IS NO CHARGE

**33%** think the electrical industry has a problem with safe isolation

**5%** of electricians who don't always use test equipment think they are experienced enough not to make a mistake

**56%** of electricians have had a tool box talk about safe isolation in the last 2 years

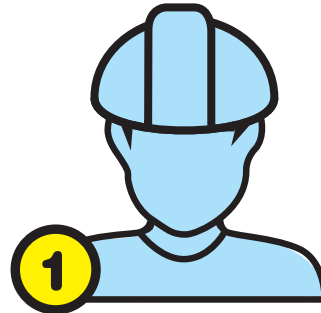
from those: **64%** thought it was a good opportunity to refresh training

Results of a survey carried out by Super Rod in July/August 2022 with 2,044 respondents.

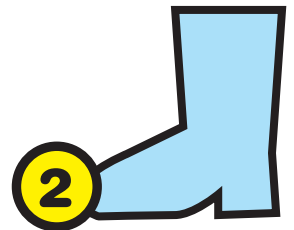
# THE 6TH POINT OF PPE

## Lock-Off Kit

The Electrical Safety Roundtable proposes that the essential sixth item of PPE for all electrical workers should be a lock-off kit, to avoid the extreme risk of electrocution.



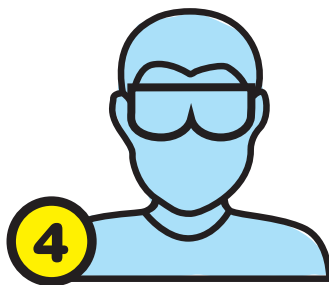
1 Hard Hats



2 Foot Protection



3 High Visibility Clothing



4 Eye Protection



5 Ear Protection



6 Lock-Off Kit

## Michael's Story

Michael Adamson was a 26 year old experienced electrician who tragically died in a preventable electrical incident in 2005. He cut a cable marked 'NOT IN USE', which was in fact wired into a distribution board and was not safely isolated.

His employer's method statement said: "Before working on electrical equipment, it should be isolated and secured by means of a padlock".

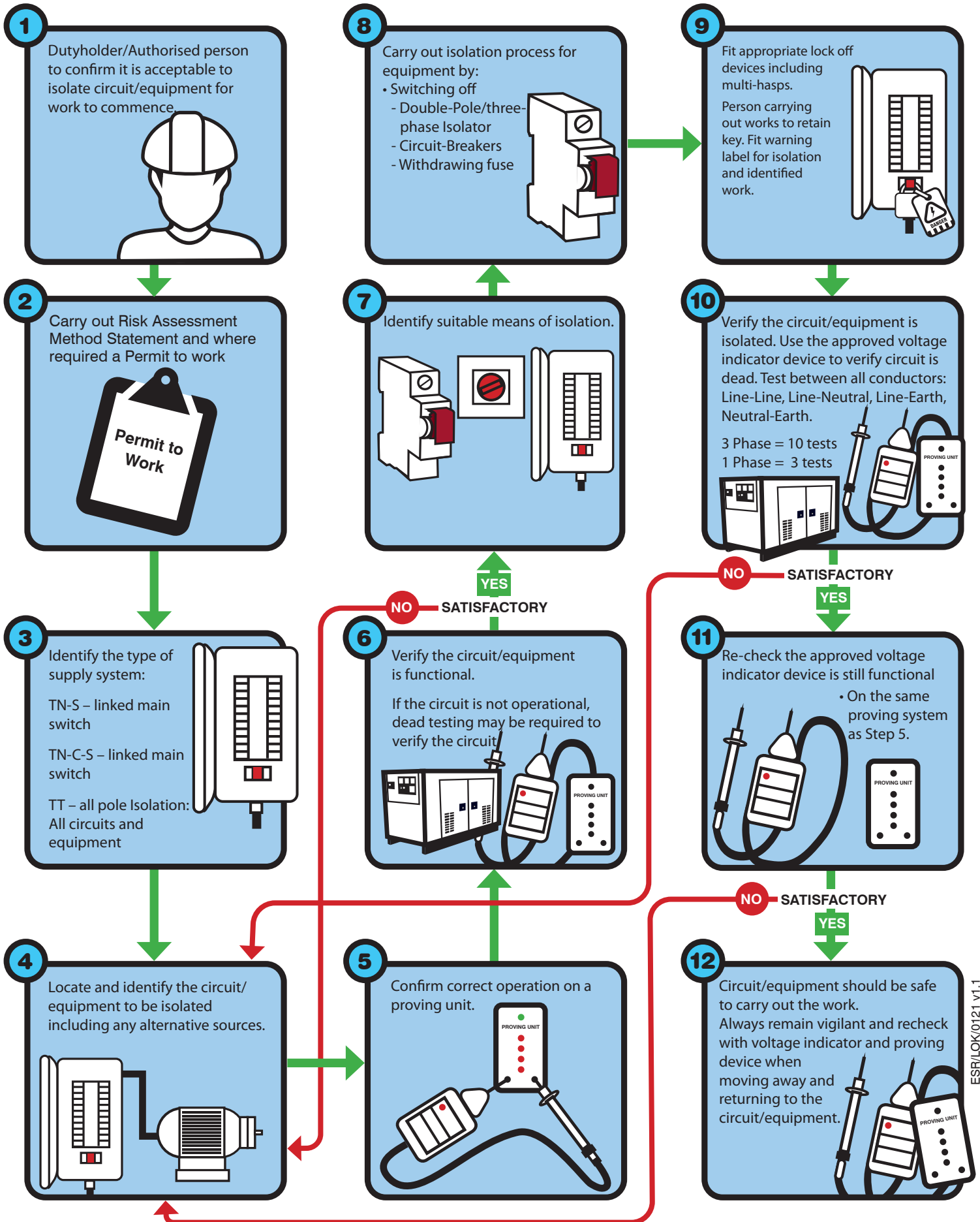
However, the devices for lock-off/tag-out were not provided by Michael's employer. Instead the practice on site was to use insulating tape. This fundamental safety procedure that electricians are taught was not being implemented by the electrical contracting industry.

[www.michaels-story.net](http://www.michaels-story.net)

Michael's sister, Louise Taggart now travels across the UK speaking to organisations and conferences and was recognised in 2018 as the 'Most Influential Person in Health & Safety in the UK' by Safety and Health Practitioner.



# 12 Easy steps to safe isolation



## Process for re-energising the circuit/system

- Step 1:** After completing the work inspect and test in accordance with Part 6 BS 7671 (dead tests).
- Step 2:** Cancel permits (if issued), remove locking off devices, locks and labels and restore electrical supply.
- Step 3:** Complete testing (live tests). Commission circuit equipment.
- Step 4:** Complete and issue appropriate test certificates/reports.

