



Safety Alert

Arc Flash

25 August 2020

The following pages of this safety alert were issued by Highways England's supply chain partner:

J McCann & Co Limited

Arc Flash

SAFETY ALERT

June 2020

Incidents:

On the 3rd of June 2020 a McCann electrician was conducting a periodic inspection & test of a street lighting Feeder Pillar at Rampart Rd Salisbury.

On pulling a 3036 rewireable fuse carrier an arc between the fuse & the Distribution board happened.

Luckily No one was harmed!

Fig 1



Fig 2



Outcomes:

Whilst conducting the periodic inspection & test on the 3rd June around 14:51, the McCann Electrician did not isolate & lock off the main supply before pulling the fuse.

The red fuse holder was broken and on inspection the fuse had been pulled from the top in a downwards position resulting in the live side of the busbar still connected to the bottom side of the fuse and the live side of the fuse coming in to contact with the earthed Distribution board.

As detailed on McCann Electrical Isolation Procedure SMA13, this installation should have been isolated as soon as it was identified as a Category 1 defect, before the fuse was pulled.

The following Procedure has been put in place:

- Tollbox talk regarding the dangers of Live apparatus
- Debrief of all Electrical Rams
- Full scope of works required