

# Safety Bulletin

## Live column with EV CP installed

### Purpose of bulletin: -

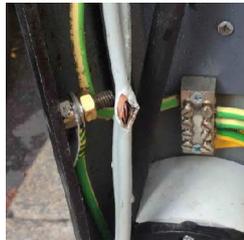
To communicate an incident which occurred in an EV CP (Electric vehicle charge point) Installation and look to continuous improvement to mitigate the risk of recurrence.

### Hazard summary: -

Lamp column was found to be live, emitting smoke and the ground was warm. On removal of column door, it was discovered that the cable between the DNO cutout and the fuse, had been trapped between the rear of the EV CP socket (located in the door) and the column earth (located next to the aperture for the door)

### PHOTOGRAPHS: -

1. Taken on 24.08.20 during site investigation.



2. Damage to rear of charger. Cable was trapped between scratch marks and earth stud



### Lesson Learnt: -

Notify all suppliers of the incident and advise them as to the importance of cable management within column.

Add question to Siemens survey questionnaire on risks to cabling within the column.

Additional Installation & Maintenance hold point to be included on Siemens web app *"Has cable management been adequately completed so that risk of cable damage is mitigated, provide mandatory photo evidence of cable management?"*

Periodically assign alternative contractor to carry scheduled maintenance in boroughs where they didn't carry out the EV CP installation. Siemens to review cabling in installation and maintenance reports.

Installation & Maintenance guidance shall now include the following instruction *"If difficulty encountered refitting door at end of installation, STOP and check for obstructions."*

### On site Practices: -

Follow instructions within revised method statement on good practice for cable management.

Take photographic evidence of risks and report them to Siemens and supervisor. Detail use of any protection needed for obstructions e.g. stud caps or tape.

Confirm guidance hold point has been implemented, if for any reason this cannot be completed abort installation, make safe and report to Siemens and supervisor.

Alternative contractor supervisor to compile report on installation issues encountered, with a focus on cable management.

Never use excessive force to close the door. If issue cannot be resolved immediately, report to supervisor.

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