



# Health & Safety



<b>Title Of Bulletin</b>	<b>UU-BU-21-Removal of steel road pins from the Amey UU account</b>		
<b>Target Audience</b>	Project Managers, Site Managers, and Operatives		
<b>Approved By</b>	Richard Jelfs	<b>Date</b>	28/07/2016

## Reason for this Health and Safety Bulletin

Due to the nature of the works being undertaken within Amey, the risk of making contact with an electrical service when breaking ground is a real possibility. We focus largely on ensuring utility prints are in place and a CAT and Genny survey has been undertaken. Once a survey of the area has been undertaken it is still important to proceed with extreme caution. There are many factors that could contribute the service being struck, such as;

- Incorrect tools being used for the job
- Excavating within close proximity of the live service
- Service buried at a shallow depth
- Intermittent current not detected

An incident occurred recently where contact was made with an electrical service when using a steel road pin. As a result of this Amey has taken the decision to **ban** the use of steel road pins on the United Utilities account.

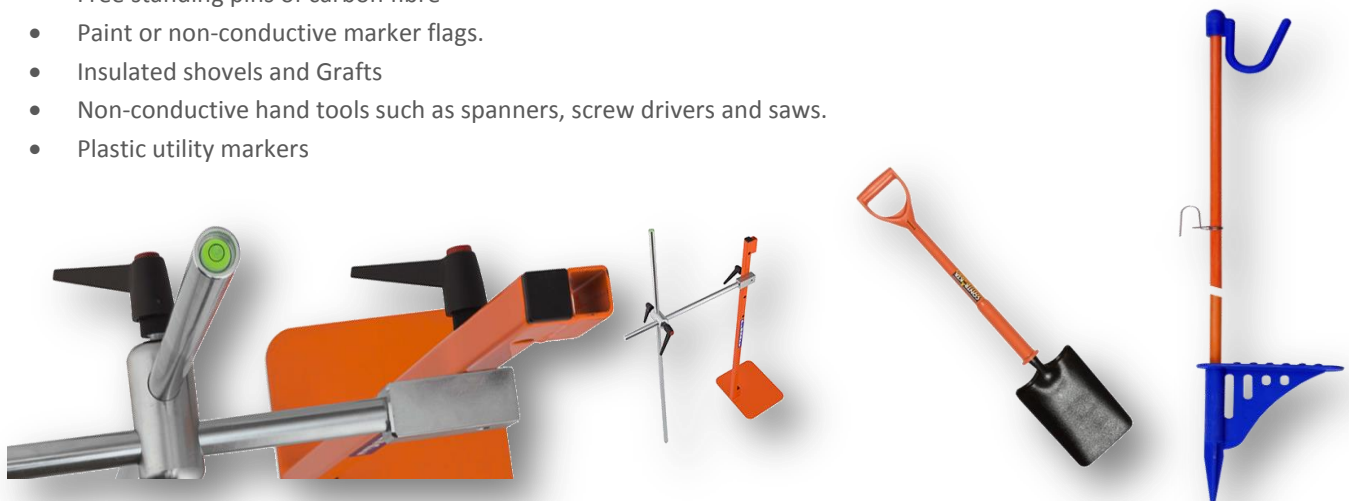
## Action to be taken and learning to be applied

**Steel Road Pins have been banned on the Amey United Utilities account.**

**The use of conductive metal apparatus when breaking ground or working within close proximity of a live service significantly increases the risk of injury, alternative solutions must be considered during the development of the risk assessment.**

Alternative non-conductive solutions to be considered include;

- Non-conductive pins
- Free standing pins of carbon fibre
- Paint or non-conductive marker flags.
- Insulated shovels and Grafts
- Non-conductive hand tools such as spanners, screw drivers and saws.
- Plastic utility markers



## Conclusion / Final note

There are a number of alternative solutions currently in use and also being considered for future use. If you have any ideas and would like to share them then please submit through the Amey CIG meeting. Contact [Andrew.murphy@amey.co.uk](mailto:Andrew.murphy@amey.co.uk) or [Jason.grimes@amey.co.uk](mailto:Jason.grimes@amey.co.uk)

