NetworkRail

Electrical Safety Toolbox Talk

Isolation Planning (Walkout)

Planning the work in the correct manner is critical to delivering safe and efficient isolation to enable work to be carried out when working in close proximity to OLE.

Walkout

The walkout must be carried out by a suitably competent person who can assess the task and task delivery method together with the appropriate isolation arrangements. Where possible this person should be familiar with the geographical area.

Information to gather and confirm from the site walkout (this list is non-exhaustive):

- Confirm the planned work activities that require an Isolation are covered by the planned details as recorded on the Isolations Details Form (IDF).
- Confirm that all Residual Electrical Hazards (REH) have been identified. Where possible, take photographs of the REHs.
- Safe Working Limits.
- Lines to be isolated.
- Lines remaining live.
- Any intermediate points of live equipment such as crossovers etc.
- The location of each portable earth and temporary continuity jumper specified by line and structure number.
- Whether duplicate or single portable earths are required, if Long blue earths are required.
- If the structure-to-rail bond or the earth wire and its connection(s) to the traction return rail can be relied upon.
- Confirmation that the work is compatible with the isolation.
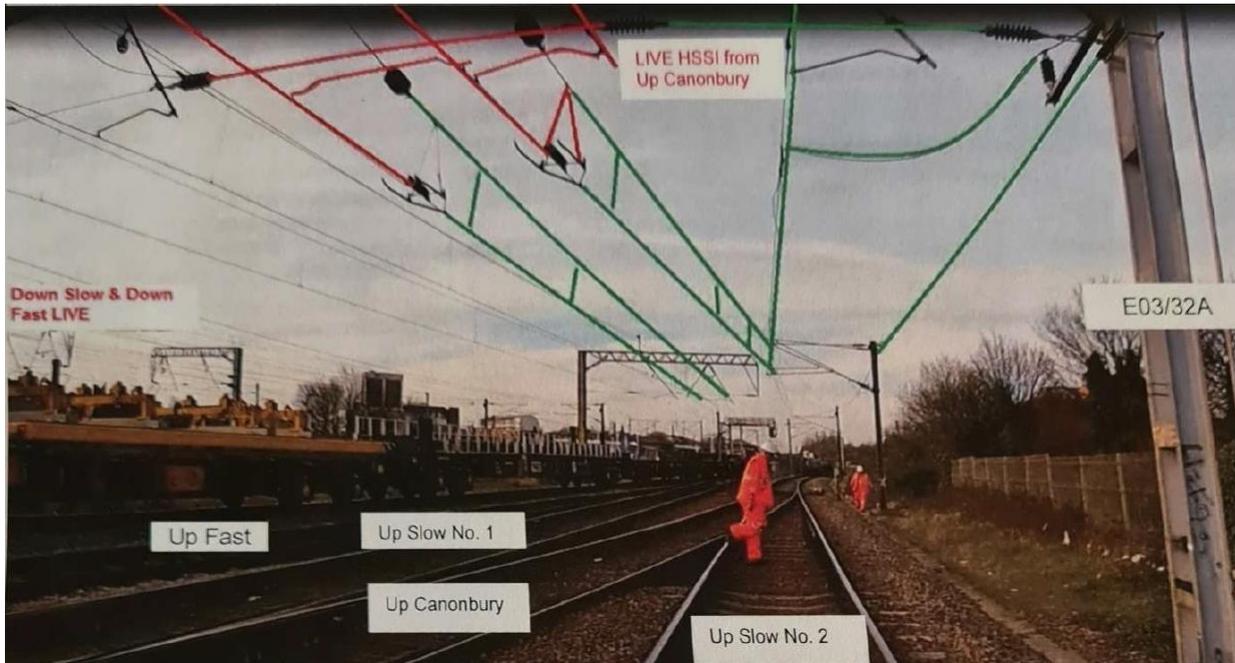- Confirmation that the access point is within the safe working limits.

Details captured during the walkout should be shared with the isolation planners.

Questions

➢ If a walkout cannot be carried out due to access problems what actions should be taken?
➢ What information is recorded at the walkout?
➢ Why should the information captured on a walkout be shared with the isolation planner?
➢ What is a Residual Electrical Hazard (REH)?

Electrical Safety Toolbox Talk

Example of how information and photographs taken during a walkout can be used to inform understanding of isolation limits and electrical hazards:

Electrical Safety Toolbox Talk

Isolation Planning (Walkout)

Given by: **Date:**

Site:

Name	Company	Signature

Electrical Safety Toolbox Talk

Note down any feedback here