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LV JOINTING FLASHOVER

OVERVIEW

A flashover occurred when a jointer was working on the lead sheath of an LV cable during a LV fault repair.

Without prejudice to the ongoing safety investigation, this alert is to remind staff how to safely work on low voltage cables.

DETAIL

Whilst in the process of removing the lead sheath from a PILC cable, a flashover occurred, which led to our colleague receiving burns to their hand.

The selection of the correct tools and PPE for the task being carried out is essential to maintain our safe systems of work.

Cut resistant gloves shall only be worn for removing the outer serving and armouring of the cable and either the two-part LV glove system or the LV composite gloves shall be used to remove the lead sheath from a PILC cable.

As per the jointing manual only an approved plastic insulated knife shall be used to remove the lead sheath on a PILC cable using the Approved Procedures.

Videos of the procedure can be found on TechTube: [Jointing \(sharepoint.com\)](#)


HSS 40 045 details the basic requirements for live working on Low Voltage Apparatus and stipulates the responsibilities of supervisors, jointers and support persons when undertaking this task.

WHAT YOU NEED TO DO

- Always ensure the correct approved tools and PPE are used for the task you are undertaking.
- Always ensure the correct jointing procedures, as per the relevant craft manual, are followed.
- Always ensure HSS 40 045 Basic Requirements for Live Working on Low Voltage Apparatus is followed at all times.



Primary communication via Line Manager complete by (X)	X	2 calendar days	5 calendar days	10 calendar days
Additional communication (X)		Stand down briefing	1 st 15	Team Brief slide
Line management must ensure appropriate employees understand the content of this document within the timescale shown. This document is subject to compliance audits after the communication deadline.				



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