

## Lost Time Injury – Connecting of Generators - UPDATE

<b>Issue date</b>	28 February 2018
<b>Issued by</b>	Vincent Cranny, Head of Health, Safety and Environment
<b>Applicable to</b>	All staff Authorised to connect generators

Further the incident on 12 February 2018 where an ENW Engineer was injured when a flashover occurred as he was opening the LV isolators following connection and synchronising of a generator (SB 03/2018) the investigation into the incident has found that the flashover was initiated as the final (blue phase) isolator was being opened.

At this stage it appears that the Engineer had encountered a problem when opening the isolator due to the operating handle hitting the transformer opposite the LV board (at some point in the past the operating handle had been extended in length from its original design). The Engineer has lifted his hood to see what was happening with the handle at which point an initial flashover has occurred. This has then spread up to the yellow phase above causing a full phase-to-phase fault.

The investigation into the incident is ongoing with the aim of establishing the exact causes of the event but in the meantime but all staff who are Authorised to connect generators are reminded of the following:

- **All Personal Protective Equipment must be worn when making live connections i.e. arc resistant coveralls / full face visor or arc resistant hood / insulated gloves for the full duration of the task.**
- **Connecting of generators should only be carried out if it is safe to do so including ensuring adequate space to operate and ensuring all equipment is suitable for the task.**
- **Connecting of generators must be carried out in accordance with training and the relevant Codes of Practice including CP613 Connection and Operation of Mobile Generators at Low Voltage.**

