

## RIDDOR –Contact with 11Kv Overhead Line

### Information known at this time

On 11<sup>th</sup> July 2018, a 14 T wheeled excavator (Hitachi Rubber Duck ZX140W-S) dipper arm made contact with an 11Kv overhead electrical line whilst manoeuvring on site to flatten off the crop, prior to trenching activity. In doing so, the machine tracked within the 8m exclusion zone for the adjacent overhead line and as it turned around it made contact with the overhead line.



### Actions already taken?

Work has been stood down and access to the OHL prevented while the investigation into the incident is undertaken and the asset owner checks the condition of the OHL.

Fusion and HS2 declared the incident a high potential event the same day as the incident.

The remit of the investigation and the team to support the investigation was determined within 24 hours. This heads up has been produced and shared within 48 hours to facilitate a safety conversation within HS2 and our supply chain.

Safe at Heart “We will develop a learning culture, where people feel motivated to report, and where the business takes actions to embed learning

This advice should be used, to reflect and learn from recent events and discuss with your teams whether you too are effectively applying controls on site when working in the vicinity of any high risk utilities highlighting the following points:

- ❖ Design to undertake work or build assets safe distances away from overhead utilities wherever possible to eliminate risk
- ❖ Have you identified all utilities on site? Have you contacted the Utility owner?
- ❖ Do you have management arrangements in place to eliminate risk of a utility strike? E.g Permits?
- ❖ Have you undertaken assurance recently to check that your procedures are effective?
- ❖ Have you briefed out the Hs2 SHELTS presentation on service strikes to brief your teams?
- ❖ Do you need to move between areas where overhead lines may be present?
- ❖ Ensure you are undertaking Point of Work Risk Assessments
  - Assess your surroundings prior to starting work
  - Ask yourself and your team-Has anything changed?
  - Where and what are the significant hazards in your area & what are the risks and to whom
  - Evaluate what control measures are needed and are they in place or need to be put in place in which case STOP if they are not
  - Put in place additional mitigation measures
  - Brief your team and check their understanding
  - Monitor and SUPERVISE
- ❖ **Works interfaces in the vicinity of any overhead electrical lines pose a serious threat to life if not properly controlled**

Report all concerns, issues or near misses to your supervisor, manager or Fusion representative using the LIFE Intervention cards, on-line using the QR code, by emailing [LIFE@fusion-iv.com](mailto:LIFE@fusion-iv.com) or just by talking to someone. You can also call 07591 201 428 and leave a message for confidential reporting.



**Plan what we do, & Do what we Plan.....If in doubt STOP, ask for advice from you Supervisor**