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## Work Instruction

### Transportation of HV equipment

#### North West Electrification

#### CAIS: ATS / SATS & MPATS



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This work instruction makes the following assumptions

- 1 The maintainer is fully compliant with Network Rail Distributed Work Instruction NR/L3/ELP/27240 Issue 6.
- 2 The maintainer is competent to level 3
- 3 The maintainer is fully conversant with the CAIS Isolation and Earthing principles and has complied with the procedures to de-energise the substation.

This instruction gives guidance to the operator and maintenance teams should the CAIS substation require moving by Crane and Road to another location.

- 1 Consult the O&M manual for the HV switchgear for guidance on what state the Vacuum Circuit Breaker should be in prior to lift and move operation. Doc Ref O&M Manual -- 1VSR630206EN\_A\_FSKII+
- 2 Consult the O&M manual for the HV switchgear for guidance on what state the Disconnecter units should be in prior to lift and move operation. Doc Ref "NTI011d Notice SBE SBI Français Anglais" and "NTI010 Notice MR41E Français Anglais" Located with the HV O&M manual.
- 3 Ensure that all Pallet fixings in the base of the pallet are present and tight to 6Nm.
- 4 Do not transport the CAIS HV chamber with loose equipment also in the chamber as this could cause significant damage.
- 5 If the unit is required to be stored, ensure that the Anti Condensation heating is switched on a functional to maintain the recommended HV chamber temperature greater than 5 Deg C.