

## Restricted access to 25KV ABB FSKII SMOS sites with SADTEM VTs

Issued to: **All Network Rail line managers, safety professionals and accredited contractors**

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Location: National

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Finniesticion MPTSL



Filton MPATS



## Overview

There have been a number of failures of SADTEM Voltage Transformer (VT) over the past 6 months.

The two notable incidents are:

- On Saturday 5th September 2020 a 25kV SADTEM BBY2 Voltage Transformer (VT) catastrophically failed at Finniesticion Mid-point Traction Switching Location (MPTSL).
- On Wednesday 12th August 2020 a 25kV SADTEM YE7 Voltage Transformer (VT) catastrophically failed at Filton Mid-point Auto Transformer Site Location MPATS.

In both incidents debris from the exploded VTs were found inside the compound and some minor debris found outside adjacent to the compound. While these failures are being investigated with the manufacturer, access to traction distribution sites with 25kV ABB FSKII Structure Mounted Outdoor Switchgear (SMOS) with SADTEM VT, is now restricted.

## Immediate action required

Access to any 25kV ABB FSKII SMOS sites with SADTEM VTs, whether by Network Rail staff or Contractors, shall require the site to be established as safe by carrying out the actions specified in NR/SIN/194.

Actions specified in NR/SIN/194 shall be completed and must be submitted to and endorsed by a Route Asset Manager (E&P) / Regional Asset Manager (E&P) or delegates, or Designated Project Engineer (DPE) in advance of accessing a site.

**This temporary change applies until further notice, until this instruction is withdrawn or superseded.**