

Definition

A wrong-side failure (WSF) is a failure condition of an integrated engineered system designed to fail-to-safe principle that results in that system to fail to an unsafe state.

Suspected (WSF) requires immediate response from local Signaling team and will be confirmed by Signaling Engineer ahead of ONRSR report.

CAT
A
Immediate

An occurrence of a safety critical integrated engineered system that has failed, or is suspected to have failed, in an unsafe way (not in accordance with its design principles), including:

- active level crossings; or
- signalling systems; or
- authority management systems; or
- rolling stock interlocking systems; or
- train protection systems; or
- electrical traction systems (e.g. fail to trip); or
- loss of train detection resulting in a level crossing activating late or restoring early.

Total failures of level crossing warning lights and/or booms are considered wrong side failures

CAT
C
Annual

All wrong side failures are reportable as a Category A.

CAT
B
72hrs

All wrong side failures are reportable as a Category A.

NR
Not Reportable to ONRSR

- An occurrence of a safety critical system that has failed to a safe state.
- Indication faults on train control systems.