

ANGE 228

Unplanned Removal of 1500v Supply

Applicability

NSW
SMS

Publication Requirement

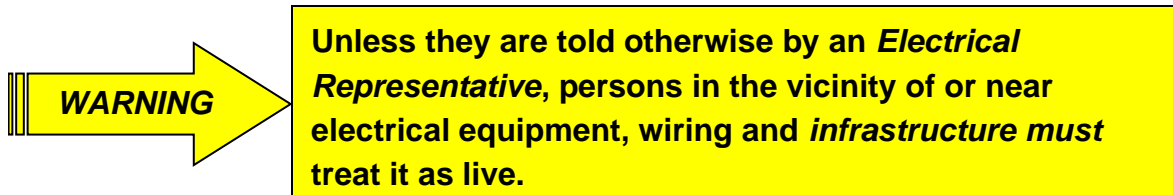
External Only

Document Status

Issue/Revision #	Effective from
2.0	11 October 2015

Purpose

To prescribe the rules for removing the 1500V supply in life-threatening or *emergency* situations in the *Australian Rail Track Corporation (ARTC) NSW Network*, or when urgent engineering work is necessary.



General

The 1500V supply must be removed only in accordance with the requirements specified in the *Maintenance Representative's Electrical Safety Instructions*.

Preservation of human life must take priority over operational considerations.

Rescue operations

In life-threatening circumstances, rescue operations must not be attempted before the *Electrical System Operator* says that it is safe to do so.

Removing 1500V supply

The Electrical System Operator and affected *Train Controllers* must:

- agree about the timing, and the extent of the 1500V overhead wiring sections to be isolated, and
- together with other *Network Control Officers*, coordinate removal of the 1500V supply.

Signallers must tell *Drivers* and affected parties about the affected portions of line.

Life-threatening incidents

In life-threatening circumstances, the Electrical System Operator *may* remove the 1500V supply before telling the Train Controller.

Applying blocking facilities

Signallers must prevent *trains* from entering the *isolated 1500V overhead wiring sections* by:

- setting signals at STOP, and
- applying *blocking facilities* in accordance with Rule ANSG 614 *Blocking facilities*, and
- making sure that *protection* has been applied to prevent entry by way of unsignalled *routes*.

Restoring 1500V supply

The Electrical System Operator must coordinate restoration of the 1500V supply.

The 1500V supply must be restored in accordance with the requirements specified in the Maintenance Representative's Electrical Safety Instructions.

The Electrical System Operator must tell affected Train Controllers when the 1500V supply has been restored.

Removing blocking facilities

If they are not needed to protect other work in the isolated 1500V overhead wiring sections, Signallers must:

- remove blocking facilities, and
- tell Train Controllers.

Related ARTC Network Procedures

ANPR 714	Removing 1500V supply in unplanned situations
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Effective Date

11 October 2015