



AUSTRALIAN RAIL TRACK CORPORATION LTD

Discipline: Engineering (Signalling)

Category: Procedure

Damage to Signalling and Level Crossing Equipment

ESM-00-06

Applicability

ARTC Network Wide	✓	CRIA (NSW CRN)	✓
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Primary Source

SMP 05

Document Status

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1.2	13 August 2010	Standards	Stakeholders	Chief Operating Officer	Risk & Safety Committee 19/01/2009

Amendment Record

Version	Date Reviewed	Clause	Description of Amendment
1.0	05 Aug 08		First issue. Supersedes in part NSW Standard SMP 05 v1.1 and SA/WA Standard S3 v 2.1
1.1	07 Oct 09		Disclaimer updated as per Risk & Safety Committee 14/09/2009
1.2	13 August 2010	All	Issued as final.

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1 General

It is essential that repair of damage to vital signalling and level crossing equipment is completed to be safe and secure.

Details of incidents of damage involving the replacement, reconnection or readjustment of vital signalling and level crossing equipment shall be reported to the Team Manager and or the Signal Engineer who shall satisfy him/herself that the matter has received appropriate attention and shall instigate corrective action to prevent a recurrence, as required.

The Team Manager and or the Signal Engineer shall maintain a record or database of damage to vital signalling or level crossing equipment, recording full details of the incident and personnel involved, and the repairs required and affected.

Repairs shall be carried out by suitably accredited personnel to proper standards and to the satisfaction of the Team Manager and or Signal Engineer responsible for the maintenance of the equipment.

Repairs shall be carried out in accordance with the respective standard, work instructions and safe-working procedures for working on signalling or level crossing equipment.

Where temporary repairs are made to vital items of signalling or level crossing equipment they shall only be carried out with the permission of the Team Manager and or Signal Engineer; all temporary repairs shall be documented and forwarded to the Team Manager and or Signal Engineer as soon as possible.

The copy of the signalling circuits shall be marked up, certified and submitted to the Drawing Management System for updating As-Built drawings.

The repaired equipment shall be tested by a suitably accredited person to ensure that the function operates correctly and reliably.

When repairs to damaged signalling or level crossing equipment have been affected, a Detailed Report shall be submitted to the Team Manager and or the Signal Engineer by the signal maintainer attending.

Full details of the cause of the damage shall be given.

Whenever temporary repairs are made to vital items of signalling or level crossing equipment then a report of the nature of the repairs is to be made to the Team Manager and or Signal Engineer for inclusion on the records or in the database.

If a temporary repair has been made, the Signal Maintainer shall ensure that permanent repairs are carried out at the earliest opportunity and advise the Team Manager and or Signal Engineer for the records or database to be updated.

A record of any temporary repairs required to be made permanent shall be kept by the Team Manager and or Signal Engineer.