



AUSTRALIAN RAIL TRACK CORPORATION LTD

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**Discipline**  
**Engineering Standard – NSW**

**Category**  
**Signalling**

**Title**  
**Cleanliness and Lubrication of Mechanical Signalling Equipment**

**Reference Number**  
**SMP 19 – (RIC Standard: SC 00 52 00 19 SI)**

**Document Control**

<b>Status</b>	<b>Date</b>	<b>Prepared</b>	<b>Reviewed</b>	<b>Endorsed</b>	<b>Approved</b>
Issue 1 Revision 1	Mar 05	Standards and Systems	Standards Engineer	GM Infrastructure Strategy & Performance	Safety Committee
		Refer to Reference Number	H Olsen	M Owens	Refer to minutes of meeting 12/08/04

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## About This Standard

This Standard defines the signalling procedures to be implemented for the cleaning and lubricating of mechanical signalling equipment.

## Document History

**Primary Source** – ARTC Standard SC 00 52 00 19 SI Version 2.0

### List of Amendments –

<b>ISSUE</b>	<b>DATE</b>	<b>CLAUSE</b>	<b>DESCRIPTION</b>
1.1	14/03/2005	Disclaimer	Minor editorial change

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## 1 General

All mechanisms and connections shall be kept free from dirt and grit to reduce wear and help to reveal defects in their early stages.

### 1.1 Cleaning

Mechanical signalling equipment and connections, as applicable, shall be cleaned as explained below.

The cleaning should be done by means of knife or scraper and dry brush. After all dirt has been removed, the connections shall be lightly oiled. Any excess oil should be wiped off with a cloth or small brush.

Cotton waste shall not be used for applying or removing oil.

On sections where dusty conditions are experienced and in railway yards where various minerals are handled, the foregoing procedure shall be modified to suit circumstances, at the discretion of the Signal Engineer. The surface of the connections should be painted with a suitable paint and oil applied only to the joints, pins etc.

**All ballast, grit or dust or rubbish accumulating about connections shall be moved away, so that the connections work freely. Wet or damp conditions due to ineffective drainage, causing problems with equipment or connections, shall be reported to the civil staff.**

**Where required, points chairs are to be cleaned during routine maintenance or as rostered.**

Steel wool must not be used in any area where there is electrical signalling apparatus or circuits.

### 1.2 Interlocking Machines at Intermediate Sidings, including Drawer Locks

These machines are to be oiled and cleaned by the signalling maintainer in the same way as the machines in signal boxes.

For this purpose, the lock faces of the Annett locks and the covers of the drawer locks may be removed but great care must be taken not to interfere with the locking mechanism.

Each time a cover has been removed and replaced the Annett Lock or Drawer Lock, as the case may be, must be carefully tested.