



## AUSTRALIAN RAIL TRACK CORPORATION LTD

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**Discipline**

### **Engineering Standard - NSW**

**Category**

**Electrical**

**Title**

### **Advertising of New Work**

**Reference Number**

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#### **Document Control**

Status	Date	Prepared	Reviewed	Endorsed	Approved
Issue 1 Revision 1	Mar 05	Standards and Systems	Signalling Standards Engineer	GM Infrastructure Strategy & Performance	Safety Committee
		Refer to Reference Number	T Moore	M Owens	Refer to minutes of meeting 24/01/05

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The technical content of this document has been approved by the relevant ARTC engineering authority and has also been endorsed by the ARTC Safety Committee.

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## About This Standard

This document sets out the minimum requirements for the Advertising of New Work forming part of the Australian Rail Track Corporation's 1500 volt Overhead Wiring Traction System or Electricity Distribution System.

## Document History

**Primary Source – RIC Standard EP 95 00 00 12 SI Version 1.0**

### List of Amendments –

ISSUE	DATE	CLAUSE	DESCRIPTION
1.1	11/03/2005	Disclaimer	Minor editorial change

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## 1 Introduction

Advertising of New Work which involves electrical equipment is essential to retain the safety awareness of employees, operational personnel and the general public. The advertising process is a mechanism by which these people are provided with timely advice of any significant alterations or additions to the electrical system.

Advertising of New Work may be required when :

- construction of new electrical equipment is to commence,
- existing electrical equipment is being removed.

The purpose of advertising the New Work is to ensure awareness of any alterations or additions to the electrical system which could jeopardise safety.

Two broad categories exist where the advertising of New Work is required for safety considerations :

- Individual safety issues, and
- Train Operational issues.

Individual safety issues may apply to employees, contractors and members of the public and relevant utilities.

Train Operational issues arise when alterations are made to the electrical system which may adversely effect the existing rail network system and the running of trains.

## 2 Responsibility for Advertising

It is the responsibility of the principal contractor undertaking the work to :

- ensure that the New Work is advertised in accordance with this instruction, and
- determine the most appropriate media for advertising the New Work in cases where the media is not specified in this instruction.

### **3 Requirement To Advertise**

For each instance of New Work, the person responsible for advertising the work must determine :

- whether advertising is warranted,
- the extent of advertising, and
- the media in which to advertise.

Factors which may contribute to this determination include :

- the type of work,
- the scope of the work,
- the geographical location of the work,
- the potential risks inherent to the general public, employees or contractors, and
- the criticality of any safety issues arising from the proposed work.

Table 1 in Section 4 identifies the most common categories of alterations or additions to the electrical system which requires the work to be advertised.

## 4 Categories of New Work

Table 1 details six different categories of work, showing the corresponding type of advertising media required as a minimum and any special conditions applying in each case.

Categories	Safety issues		Operational issues	
Advertising Target Group	Public	Employees	Employees	
<b>Advertising Media</b>	<b>Various</b>	<b>Weekly Notice</b>	<b>S.T.N.</b> (Special Train Notice)	<b>Weekly Notice</b> (As amendment to the Local Appendix)
Electrification of New Route	✓	✓		✓
Wired Track Unavailable for Traction			✓ Note B	✓ Note A
New Overhead Line	✓ Note C	✓ Note D		
OHW alterations over Cross-overs				✓
Removal of track and OHW				✓
Removal of OHW only				✓

**Table 1 Categories of New Work**

Note A : Applies to permanent removal only

Note B : Applies to temporary unavailability during possessions

Note C : Applies if new line is on public space with no existing line route. Some discretion is required by the person planning the work whether advertising is warranted due to the scope of the work and/or the potential risks to the general public.

Note D : Applies if new line is on railway property with no existing line route. Some discretion is required by the person planning the work whether advertising is warranted due to the scope of the work and taking into account that appropriate employees are suitably warned of the presence of the new Overhead Line.

## 5 Notification Content

### 5.1 General

The documentation content required in the advertisement of New Work should contain, as a minimum, the details contained in Sections 5.2 and/or 5.3.

#### Note

If it is difficult to unambiguously describe the location or scope, the use of an appropriate drawing should be considered.

### 5.2 For 1500V Overhead Wiring

- Description of proposed work.
- Location of Overhead Wiring affected,
  - geographical area (ie suburb, station, track, kilometrage, etc),
  - structure numbers detailing
  - extent of work.
- Date in force.
- Contact name, title, organisation and phone number.

#### Note

If proposed work involves the Overhead Wiring to be treated as "live", suitable details concerning Permit requirements and the nominated representatives must be included.

### 5.3 For Overhead Lines

- Description of proposed work.
- Location of overhead lines,
  - geographical area (ie suburb, station, kilometrage, etc),
  - feeder number and voltage,
  - extent of work, including pole numbers,
- Date in force.
- Contact name, title, organisation and phone number.

#### Note

If proposed work involves the overhead lines to be treated as "live", suitable details concerning Permit requirements and the nominated representatives must be included.

## 6 Determining Recipients of Advertising Notices

The recipients of advertising notices are set out in Table 1.

For instances where New Work is outside these categories, each case of advertising New Work must be assessed to determine who needs to be informed.

Recipients could include, but not be limited to, ARTC maintenance and construction contractors, owners of private property affected by the electrical equipment, and members of the public.

Additional notification to individual employees may be required depending on the extent, type and criticality of the work.

## 7 Advertising Media

Various media for advertising could be utilised to inform the identified target groups. The advertising media may include, but not be limited to:

- Weekly Notice
- Special Train Notice (STN)
- Local Appendix
- Notice boards
- Printed leaflets
- Local papers
- Media outlets

## 8 Advertising Schedule

Advertising Notices must commence a minimum of four weeks prior to the commencement of erection of conductors.

The Advertising Notices must appear at least weekly in the Weekly Notice booklet and/or as required in other advertising media.

Advertising Notices may cease one week after the completion of New Work.

## **9. Example of Advertisement for New Work**

The following is an example of an advertisement for New 1500V overhead wiring Work published in a Weekly Notice.

FROM THE ELECTRICAL CONSTRUCTION MANAGER  
MAJOR WORKS DIVISION OF R.S.A.

WOLLI CREEK JUNCTION - TURRELLA

On the 26th August 1997, 1500 Volt overhead wiring will be erected over the "NEW" Down East Hills track between TE7+589 to TE8+464.

All staff are to be informed that the overhead wiring is to be treated as "live" and work must not be undertaken in the vicinity of the 1500 volt overhead equipment where there is danger of contact or the possibility of electrical clearance being breached, unless a "Permit to Work" form has been issued in accordance with Electrical Safety Instructions.

If "Permit to Work" forms are required or doubt exists if you require one while working in this area, contact Electrical Construction Manager office on 25752 Dept. or 9752 8752 for details.

W. Leung  
A / Electrical Construction Manager