



CODE OF PRACTICE - VOLUME TWO - TRAIN SYSTEM [CP2] TRANSADELAIDE INFRASTRUCTURE SERVICES		
PART 16: FIRE PREVENTION AND CONTROL		DOC. NO. CP-TS-966
Issue: 1	Date: 04/09/07	Page: 1 of 5

TRACK AND CIVIL INFRASTRUCTURE

CODE OF PRACTICE

VOLUME TWO - TRAIN SYSTEM [CP2]

FIRE PREVENTION AND CONTROL

Under Review



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Issue: 1	Date: 04/09/07	Page: 2 of 5

TABLE OF CONTENTS

	<i>Page No.</i>
1.0 PURPOSE AND SCOPE	3
1.1 Purpose	3
1.2 Principles	3
1.3 Scope	3
1.4 References	3
2.0 DESIGN AND RATING	4
2.1 Design	4
2.2 Statutory regulations	4
2.3 Track and structures	4
2.4 Event of fire	4
2.5 Inspection, assessment and maintenance actions	4
3.0 DOCUMENTATION	5
3.1 Inspection reports	5



CODE OF PRACTICE - VOLUME TWO - TRAIN SYSTEM [CP2] TRANSADELAIDE INFRASTRUCTURE SERVICES		
PART 16: FIRE PREVENTION AND CONTROL		DOC. NO. CP-TS-966
Issue: 1	Date: 04/09/07	Page: 3 of 5

1.0 PURPOSE AND SCOPE

1.1 PURPOSE

The purpose of this part is to set standards to ensure:

- a) the observance of legislative requirements when using heat producing processes;
- b) that adequate precautions are taken to guard against fire; and
- c) that appropriate actions are taken in the event of a fire.

1.2 PRINCIPLES

This part complies with the principles set out in the "Code of Practice for the Defined Interstate Rail Network", volume 4, part 2, section 13.

1.3 SCOPE

1.3.1 Statutory requirements

This part specifies general procedures for carrying out the requirements of the following State Acts which control the lighting of fires in the open, including the use of industrial processes such as electric welding, grinding etc.:

- a) Country Fires Act
- b) South Australian Metropolitan Fire Services Act
- c) Environmental Protection Act

1.3.2 Fire event

This part specifies general procedures for guarding against fire on the TransAdelaide rail system.

1.4 REFERENCES

1.4.1 Statutory documents

- a) Country Fires Act
- b) South Australian Metropolitan Fire Services Act
- c) Environmental Protection Act

1.4.2 Industry codes of practice

Code of Practice for the Defined Interstate Rail Network, volume 4 (Track, Civil and Electrical Infrastructure), part 2 (Infrastructure Principles), section 13: Fire prevention and control.

1.4.3 TransAdelaide Procedure

CPRD/PRC/046 Records Management.



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PART 16: FIRE PREVENTION AND CONTROL		DOC. NO. CP-TS-966
Issue: 1	Date: 04/09/07	Page: 4 of 5

2.0 DESIGN AND RATING

2.1 DESIGN

All facilities provided on the TransAdelaide rail system shall be designed to minimize the risk of unpredictable fire.

2.2 STATUTORY REGULATIONS

Fire precautions on TransAdelaide shall be in accordance with the following Statutory documents:

- a) Country Fires Act
- b) South Australian Metropolitan Fire Services Act
- c) Environmental Protection Act

2.3 TRACK AND STRUCTURES

Fires most likely to occur on the TransAdelaide rail system, which affect track and civil infrastructure will normally be one of the following:

- a) Brush fires on TransAdelaide land at trackside.
- b) Wood sleepers smoldering.
- c) Machinery fires.
- d) Office or workshop fires.

2.4 EVENT OF FIRE

In the event of a fire occurring on or adjacent to the TransAdelaide right of way, immediate action shall be taken to protect the public, workers, trains and structures.

2.5 INSPECTION, ASSESSMENT AND MAINTENANCE ACTIONS

Inspection, assessment and maintenance actions shall include the specific conditions shown in table 2.1:

Table 2.1: Inspection, assessment and maintenance actions

Type of inspection	Specific actions or conditions to observe
Scheduled inspections	
Walking inspections	a) Identify visually and report obvious potential fire risks to TransAdelaide's property. Hazardous dry growth by the lineside shall be reported for mowing or pruning as required. b) Intervals between walking inspections shall not exceed 31 days.
General inspections	On or just before October 1 each year a general inspection shall address all aspects of fire risk at a level of detail sufficient to review the condition of property liable to conflagration and ensure that any heat-developing property is kept away from inflammable material.
Unscheduled inspections	To be carried out in response to a defined event or a report of a risk situation.
Assessment, method of assessment and maintenance actions	A review shall be made of all possible fire locations, for possible increased precautions due to significant conditions or changes in condition.



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PART 16: FIRE PREVENTION AND CONTROL		DOC. NO. CP-TS-966
Issue: 1	Date: 04/09/07	Page: 5 of 5

3.0 DOCUMENTATION

3.1 INSPECTION REPORTS

All inspection reports shall be maintained in accordance with TransAdelaide's CPRD/PRC/046 Records Management.