



Engineering Standard


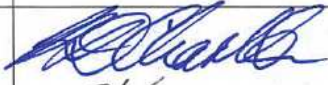
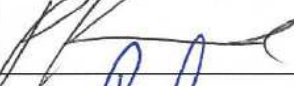
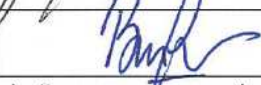
Train Wheels

RS1-DOC-000453

Under Review

Document Control

Document Status

Document Owner:			
Action	Name and Position	Signature	Date
Prepared By:	Name:Kuldeep Zala Title: Rail Engineer		17/4/14
Reviewed By:	Name: Keith Charlton Title: Manager, Engineering Standards		17/4/14
	Name: Peter Haskard Title: Manager, Rollingstock Engineering		17/4/14
Approved By:	Name: Brian Green Title: Chief Engineer		17/4/14
Document Review Schedule: This document is due for review in 5 years or as required.			

Document Amendment Record

Revision	Change Description	Date	Prepared	Reviewed	Approved
0	Initial issue	April 2014	Kuldeep Zala	Keith Charlton Peter Haskard	Brian Green

TABLE OF CONTENTS

1. Introduction	4
2. Purpose	4
3. Scope	4
4. References	4
5. Acronyms	4
6. Australian Standard for Wheels	4
7. PTS Addendum to Australian Standard	4
7.1. Section 6.....	4
7.2. Section 9.....	4
7.3. Section 10 Clause 1.....	4

1. Introduction

The Department of Planning, Transport and Infrastructure (DPTI), Public Transport Services (PTS), owns, operates and maintains the Adelaide Metropolitan Passenger Rail Network (AMPRN). This standard forms part of the engineering management system used to ensure safety and customer service levels are efficiently and effectively supported

2. Purpose

The purpose of this standard is to provide technical requirements for the design, construction and maintenance of train wheels.

3. Scope

This standard applies to all train passenger rollingstock operating on the AMPRN

Note:

Railway rolling stock other than passenger rollingstock is required to comply with the relevant parts of AS 7514 when operating on the AMPRN.

4. References

- *AS 7514.3: 2010 Railway Rolling stock - Wheels - Part 3: Passenger Rolling Stock*
- *FR-AM-GE-804 Development and Approval of Rail Engineering Standards* (Knet # 8178595)

5. Acronyms

ACRONYM	FULL NAME
AMPRN	Adelaide Metropolitan Passenger Rail Network
DPTI	Department of Planning, Transport and Infrastructure
PTS	Public Transport Services (formerly known as a TransAdelaide)
PTSOM	Public Transport Services Operations and Maintenance

6. Australian Standard for Wheels

Public Transport Services (PTS) adopts all mandatory requirements as specified in AS 7514.3:2010 *Railway Rolling Stock - Wheels - Part 3 : Passenger Rolling Stock* unless modified as shown in section 7.

Public Transport Services (PTS) adopts all recommended requirements as specified in AS 7514.3:2010 *Railway Rolling Stock - Wheels - Part 3: Passenger Rolling Stock* as mandatory, unless modified as shown in section 7. If the applicable clause contains the word should, it is to be read as the word shall. This is to eliminate any doubt as to the requirements of the clause. If a clause in AS 7514 refers to TransAdelaide, it is to be read as Public Transport Services (PTS).

7. PTS Addendum to Australian Standard

PTS modifies the following requirements contained within AS 7514.3:2010

7.1. Section 6

PTS mandates the requirement for Acoustical Assessment.

7.2. Section 9

A selection of wheel material shall be approved by PTS.

7.3. Section 10 Clause 1

If new wheels are shot peened then Clause 4, 5 and 6 are mandatory.