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RAILINFRASTRUCTURE CORPORATION

Discipline

Rolling Stock Engineering Standard

Category

Maintenance

Title

WAGON MAINTENANCE POLICY (1996)

Reference Number

RSS 0011

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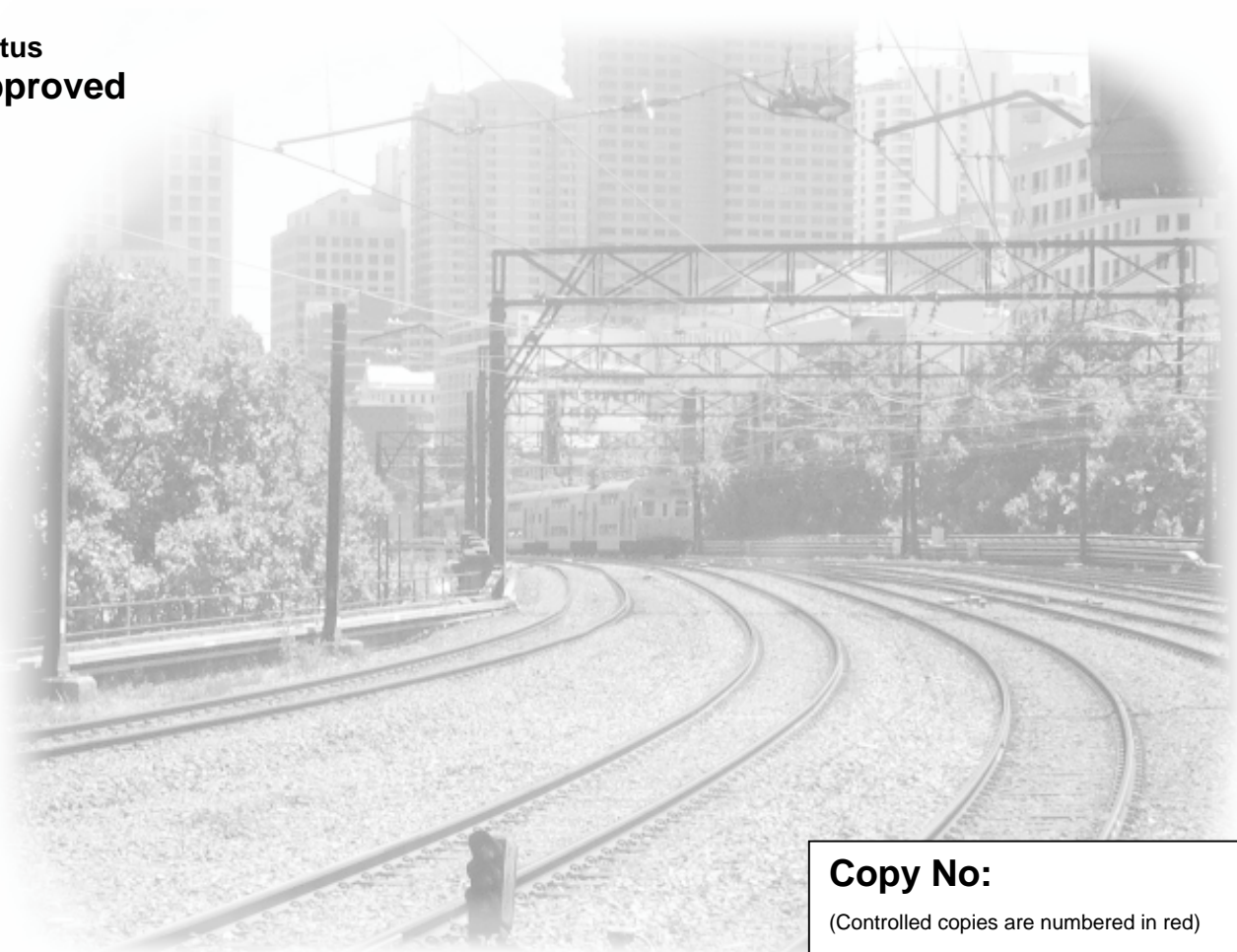
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About This Standard

The maintenance policy applied to RSA's rolling stock was inherited from the SRA with the vesting of the rolling stock in 1996.

This standard covers this maintenance policy but with reference to TRS Standards and Safe Working Units revised to new RIC RSS Standards.

For the ballast wagon R1/R2/R3 maintenance policy refer to RSS 0010.

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1 Scope

This standard covers the inspection and maintenance requirements for Rail Infrastructure Corporation wagon fleet other than wagons covered by a specific wagon maintenance policy.

This policy is based on the wagon maintenance policy in place in State Rail/FreightCorp in 1996.

2 Maintenance & Inspection Policy

Applicable Vehicles	Inspection Schedule	Interval/ Trigger	Schedule Latitude	Approved Maintainers	Approved Standards
RIC Wagon Fleet (Excludes wagons covered by a specific wagon maintenance policy)	Full Train Inspection (FX1)	Pre Trip	nil	At stabling locations by Train Examiner or Mobile Response Group	RSS 0012
	General Train Inspection (FX2) (Conducted on return trip, or in place of a full train inspection if vehicle is under Periodic Maintenance)	Pre Trip	Nil	In Service by Train Crew	RSS 0013
	PM Periodic Maintenance	28 Days	+ 0 days - 7 days	TOU Chullora, RFS Chullora, RIC Goulburn, Bathurst	RSS 0020 RSS 0030 RSS 0040 RSS 0041 RSS 0050 RSS 0060 RSS 0061
	DWI Workshop Maintenance	12 months	+ 30 days - 30 days	TOU Chullora, RFS Chullora, RIC Goulburn, Bathurst.	RSS 0020 RSS 0022 RSS 0030 RSS 0040 RSS 0041 RSS 0050 RSS 0051 RSS 0060 RSS 0061 RSS 0070

Table 1

3 Component Overhaul Policy

The following table details the base component overhaul policy.

Function System	Component Description	Trigger	Policy	Interval	Latitude	Approved Venue
Body	Body, Shell, Underframe, Sleeper wagon slide units & links	On Condition	O/H	N/A	N/A	Bathurst/ Goulburn/ RFS
Bogie	Bogie Frame Bolster	Date	Inspect	4yrs after O/H then 2 yearly NDCH 3 yearly	+ 12 months	Granville
	Axle Box Wheel Set	On Condition	O/H	N/A	N/A	RFS
Intercar Connection	Auto Coupler Electrical Jumper Coupling Hoses	On Condition	O/H	N/A	N/A	Bathurst/ Goulburn/ RFS
Doors	Hopper Doors (mech) Hopper Doors (elec)	On Condition	O/H	N/A	N/A	Bathurst/ Goulburn
Braking	Triple Valve	Date	O/H	16 years	-1 year	RFS
	Brake Cylinders Hand Brake Brake Piping Reservoirs Brake Rigging	On Condition	O/H	N/A	N/A	RFS
Pneumatics	Hopper Door Controls	On Condition	Discard	N/A	N/A	N/A
Lighting	Ground Lights	On Condition	Discard	N/A	N/A	N/A

4 Applicable Standards

4.1 Body/Shell/Underframe

RSS 0020	Examination of Steps and Handrails
RSS 0021	Carding of Freight Vehicles
RSS 0023	Securing of Centre Bearings
RSS 0070	Repair & Maintenance of Concrete Sleeper Wagon Slide Units & Links.

4.2 Bogie

RSS 0030	Wheel Defect Manual
RSS 0031	Wheel & Axle Reference Manual
RSS 0032	Axle Bearing Reference Manual
RSS 0040	Inspection of Freight Bogies
RSS 0041	Bogie DI Maintenance
RSS 0043	Coil Spring Groups

4.3 Intercar Connection

RSS 0050	Inspection of Drawgear
RSS 0051	Welding Reclamation and Repair of Drawgear
RSS 0060	Air Brake Maintenance
RSS 0061	Single Car Air Test
RSS 0064	Brake Pipe work Sealant Compounds
RSS 0066	Air Brake Hoses

4.4 Braking System

RSS 0022	Inspection of Unfired “Exempt” Pressure Vessels
RSS 0060	Air Brake Maintenance
RSS 0061	Single Car Air Test
RSS 0063	Security of Brake Gear
RSS 0064	Brake Pipe Work Sealant Compounds
AS 1210	Australian Standard Pressure Vessels
AS 4343	Pressure Equipment Hazard Levels

4.5 Pneumatics (Non Braking)

RSS 0022	Inspection of Unfired “Exempt” Pressure Vessels
RSS 0060	Air Brake Maintenance
RSS 0061	Single Car Air Test
AS 1210	Australian Standard Pressure Vessels
AS 4343	Pressure Equipment Hazard Levels

5 Reporting

The following forms are to be completed and sent to the Train Operations Unit:

5.1 PM Periodic Maintenance

- Wagon Release Data Sheet

5.2 DWI Workshop Maintenance

- DWI Assessment Sheet
- DWI Inspection Report Sheet
- Out of Course Repair Report Sheet
- Wagon Release Data Sheet
- Freight Vehicle Single Car Air Test Report Sheet

The following forms are to be completed if required:

- Scheduled Maintenance & Component Change Out Sheet
- Three Piece Bogie DI Report Sheet

6 Reference Documents

6.1 RIC Standards

RSS 0001	Minimum Operating Standards for Rolling Stock
RSS 0012	Full train Inspection
RSS 0013	General Train Inspection
RSS 0020	Examination of Steps and Handrails
RSS 0021	Carding of Freight Vehicles
RSS 0022	Inspection of Unfired "Exempt" Pressure Vessels
RSS 0023	Securing of Centre Bearings
RSS 0030	Wheel Defect Manual
RSS 0031	Wheel & Axle Reference Manual
RSS 0032	Axle Bearing Reference Manual
RSS 0040	Inspection of Freight Bogies
RSS 0041	Bogie DI Maintenance
RSS 0043	Coil Spring Groups
RSS 0050	Inspection of Drawgear
RSS 0051	Welding Reclamation and Repair of Drawgear
RSS 0060	Air Brake Maintenance

RSS 0061	Single Car Air Test
RSS 0063	Security of Brake Gear
RSS 0064	Brake Pipe work Sealant Compounds
RSS 0070	Repair of Concrete Sleeper Wagon Slide Units and Links