

SYDNEY TRAMWAY MUSEUM

Document Control Record

1. Document Details:

TRAMCAR REGISTRATION COMPLIANCE AUDIT
RECORD

Name:

Number STM6076

Version Number: 1.56

Document Status: Working Draft

Approved for Issue

Archived

Next Scheduled Review Date: _____

2. Version History:

Version Number	Date	Reason/Comments
1.0	17/08/2006	Initial issue
1.1	15/05/2008	Changed first page to have only 1 engineer sign off.
1.2	04/12/2008	Added Dead man equipment check if fitted
1.3	15/06/2009	Amended some of the checks on the form
1.4	25/09/2014	Amended the title of the form
1.5	14/05/2016	Amended Distribution List format
1.6	28/02/2017	Amendments to inspection details

Approved by _____ **Signature & Date** _____

3. Distribution List

Position	Date	Location of Documents
Rail Safety Manager		Original held on GOOGLE secure Website
STM WEB SITE		Updated regularly and put onto the STM Web site.
STM Office		STM Office Computer
STM Office		STM Office cupboard

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TRAMCAR REGISTRATION COMPLIANCE AUDIT RECORD

TRAM TYPE or CLASS: CAR NO: DATE:

CITY OF ORIGIN:

RESUME OF INSPECTION RESULTS

Electrical: PASS / FAIL (Initial):

Mechanical: PASS / FAIL (Initial):

Body: PASS / FAIL (Initial):

Declaration: I, or We the undersigned declare that the tramcar or light rail vehicle listed above is passed fit for the services intended for a period of months from the date endorsed.

Signed: Date://

Position..... Membership No.

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TRAM TYPE or CLASS: CAR NO: DATE:

ELECTRICAL	COMPLIANCE	NON COMPLIANCE	INITIAL
Overhead current collector equipment			
Current Collector ropes			
Interior lighting			
Exterior lighting			
Control switches and circuit breakers			
Auxiliary gauges and meters, Control desks.			
Hand controllers, Foot pedals.			
Main and secondary resistor units			
Cable ducts / cable looms			
Cable terminations			
Switch group (s); line breaker			
Air compressor motor			
Air compressor governor			
Traction motors, cables & terminations.			
Electric braking equipment (incl. Safety Interlocking [dead man] equipment working if fitted)			
Electrically operated safety/emergency equipment			
Power operated doors			
Bells, buzzers, gongs			
Communication cords and switches			
Car heating equipment			
Battery condition & electrolyte levels			
All equipment mounting insulators			
Resilient wheel ground shunts			
Resilient wheel inner & outer bolts tight (PCC)			
Equipment covers secure after inspection			
Direction indicators / hazard flashers			

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CAR NO:

MECHANICAL	COMPLIANCE	NON COMPLIANCE	INITIAL
Foot gongs & horns			
Hand brake systems, chains, rods & pulleys.			
Brake valves			
Air gauges			
Relay , check valves and emergency valves			
Air reservoirs			
Air pipework, joints, taps, drain cocks			
Flexible hoses and couplings			
Brake cylinders			
Brake beams, rods, linkages, pins, bushes			
Brake shoes / pads / linkages			
Wheel condition			
WHEEL PROFILES: Axle Left % full flange Right % full flange 1 2 3 4			
Axle boxes, journals and roller bearings			
Motor suspension bearings			
Traction motor bearings			
Bogie centre bearings			
Lubrication – all bearings.			
Lubrication – compressor.			
Compressor operation			
Axle box horn cheek clearances			
Radial body pad clearances			
Floating bolster wear plate clearances			
Swing links, spring plank, bushes and pins			
Truck mounted traction motor mountings			
Drum / disc type parking brakes			

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TRAMCAR REGISTRATION COMPLIANCE AUDIT RECORD

CAR NO:

MECHANICAL (continued)	COMPLIANCE	NON COMPLIANCE	INITIAL
Truck / bogie frame condition			
Truck / bogie suspension springs / rubbers: primary			
Truck / bogie suspension springs / rubbers : secondary			
Traction motor nose suspension springs / rubbers			
Sanding equipment, boxes, hoses, rods, etc.			
Life guards, gates, rods, pins, bushes, springs			
<u>CAR BODY</u>			
Underframe bumpers 			
Underframe hardware attachment points			
Couplers, swivel mounts & pins.			
Floors in saloons, vestibules, cabs			
Access hatches			
Steps and foot boards			
Grab rails			
Seat frames, backs, cushions			
Windows, window tracks, latches			
Windscreens & wipers			
Doors and door tracks			
Roof, gutters & downpipes.			
Roof hardware attachment points			
Destination blinds & mechanisms			

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TRAMCAR REGISTRATION COMPLIANCE AUDIT RECORD

TRAM TYPE or CLASS:..... CAR NO: DATE:

CITY OF ORIGIN:

COMMENTS:
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Inspection Carried out by:

Member No.	Name	Signature
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