

SYDNEY TRAMWAY MUSEUM

Document Control Record

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Name: PCC CAR INSPECTION SCHEDULE

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2. Version History:

Version Number	Date	Reason/Comments
1.0	20/12/2006	Initial issue
<u>1.1</u>	<u>20/06/2009</u>	<u>Revised the schedule to better represent STM's operations</u>

Approved by _____ **Signature & Date** _____

3. Distribution List

Position	Date	Copy Issued (Yes/No)	Copy No.	Received
Rail Safety Manager		Y	1	

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Sheet PCC 1

PCC CAR INSPECTION SCHEDULE

Car No.: *1014*

Date: _____

**CHECK DEFECTS BOOK FOR ANY RELEVANT INFORMATION
BEFORE COMMENCING WORK**

WITH THE POWER ON COMPLETE THE FOLLOWING

STEP	ITEM	INITIAL
	TOPSIDE INSPECTION <i>Check the following:</i>	
1	Passenger Signal	
2	Gong	
3	Sanders	
4	Foot Pedals and Reverser Lever	
5	Spare Fuses	
6	Windshield Wipers	
7	Signal Lights	
	INTERIOR INSPECTION <i>Check the following:</i>	
8	General Interior Condition	
9	Upholstery	
10	Windows, Cab side & windshield Glass	
11	Moveable Windows	
12	Front and Slide Vents	
13	Route and Destination Signs	
14	Door/Draft Rubbers	
15	Farebox mountings	
16	Sand Containers	
17	Transfer mounts & cutters	
18	Lubricate Doors	
19	Door Relays, cam switches	
20	Door Operation	
21	Door condition	

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Sheet PCC 2

PCC CAR INSPECTION SCHEDULE (CONT'D)

Car No.: **1014**

Date: _____

**CHECK DEFECTS BOOK FOR ANY RELEVANT INFORMATION
BEFORE COMMENCING WORK**

WITH THE POWER ON COMPLETE THE FOLLOWING

STEP	ITEM	INITIAL
	BODY INSPECTION <i>Check the following:</i>	
22	General Body Condition	
23	Saloon and Auxiliary Lights	
24	Voltmeter indication both ends	
25	Battery Condition & terminations	
26	Trolley Catcher & trolley rope condition	
27	Emergency drawbar equipment	

**ENSURE THAT THE OVERHEAD POWER IS ISOLATED FROM THE TRAMCAR AND
TAGGED BEFORE PROCEEDING TO THE NEXT SECTION OF THIS INSPECTION
SCHEDULE**

28	Trolley Base Hinge Pin, lock down latch, shunts & connections	
29	Trolleybase rubber mounts	
30	Trolley poles, collector shoes & carbon inserts	
31	Roof condition, rubber matting, trolley bridge & pole hooks	
32	Roof ventilators	
	LUBRICATION AND TRUCK INSPECTION <i>Check the following:</i>	
33	Lifeguards, condition & action	
34	Drum brake actuators & link rods	
35	Wheel tyre condition, rubber pad plates & wheel bolt / nut tightness	
36	Wheel grounding shunts, condition & security	
37	Track brakes & support springs	
38	Journal Bearings	
39	Brake Shoe Fulcrum Lubrication	
40	Hypoid drive case, seals & ground shunts	
41	Drive Shafts & Universal Joints	
42	Drive shaft emergency retaining straps	
43	Truck Centre Bearings & retaining nuts security.	

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Sheet PCC 3

PCC CAR INSPECTION SCHEDULE (CONT'D)

Car No.: *1014*

Date: _____

ENSURE THAT THE OVERHEAD POWER IS ISOLATED FROM THE TRAMCAR AND TAGGED BEFORE PROCEEDING TO THE NEXT SECTION OF THIS INSPECTION SCHEDULE

44	Traction motor air bellows & tension springs	
45	Traction motor suspension beams & rubber mounts	
46	Main suspension springs & damping rubbers	
47	Truck frames & bolster beams condition	
48	Bolster beam to truck frame retention bars	

CHECK DEFECTS BOOK FOR ANY RELEVANT INFORMATION BEFORE COMMENCING WORK

WITH THE POWER OFF COMPLETE THE FOLLOWING

STEP	ITEM	INITIAL
	SWITCH GROUP CABINET INSPECTION	
	<i>Check the following:</i>	
49	Control Apparatus	
50	KM accelerator and auxiliary resistors	
51	Master and Brake Controllers	
52	Contactors and Line Switch	
53	Accelerating and Brake Relays	
54	Drum Brake Lock Out Relay	
55	Auxiliary Relays	
56	Voltage Regulator	
57	Voltage Adjustments	
58	Equipment Covers	
59	Wiring	
60	Control Sequence Test.	
	MOTOR BRUSH & COMMUTATOR INSPECTION	
	<i>Check the following:</i>	
61	Traction Motors	
62	Motor Generator Set	
63	Pilot Motor	
64	KM accelerator	

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Sheet PCC 4

PCC CAR INSPECTION SCHEDULE (CONT'D)

Car No.: **1014**

Date: _____

AFTER SERVICE COMPLETED ENSURE ALL EQUIPMENT COVERS ARE ON & SECURE.
ALL ISOLATION LOCKS OR TAGS ARE REMOVED

COMMENTS: _____

Serviced By: _____

Signature: _____

Membership No.: _____