

# Document Control Record

## 1. Document Details:

**Name:** CONTROLLER INSPECTION SCHEDULE

**Number** STM6089

**Version Number:** 1.1

**Document Status:**  Working Draft

Approved for Issue

Archived

**Next Scheduled Review Date:** .....

## 2. Version History:

Version Number	Date	Reason/Comments
1.0	20/12/2006	Initial draft
1.1	21/08/2008	Changes to item descriptions

**Approved by** ..... **Signature & Date** .....

## 3. Distribution List

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



# SYDNEY TRAMWAY MUSEUM

## CONTROLLER INTERMEDIATE INSPECTION SCHEDULE

Car No.: \_\_\_\_\_

Date: \_\_\_\_\_

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

INTERMEDIATE INSPECTION		
STEP	ITEM	INITIAL
1	Inspect the controller cover noting the condition of handles or catches.	
2	Vacuum out all the dust and dirt.	
3	Check the condition of Reverser fingers and segments. Check tight all of the Reverser securing screws.	
4	Check the drop of the Reverser fingers.	
5	Clean and lubricate Reverser fingers and segments with Petroleum Jelly.	
6	Check tight lead connections.	
7	Check and dress Main Drum fingers and renew any broken or badly damaged fingers.	
8	Check the fingers for drop and pressure.	
9	Check tight all fingers and connections.	
10	Clean segments, replace any tips where required and lubricate with Petroleum jelly.	
11	Check the spacing discs, clean and lubricate.	
12	Check the operation of the Star Wheels and Pawls, and lubricate.	
13	Where fitted, check the function of the Ratchet switch.	
14	Check the function and condition of the motor cut-out switches, also check the operation of the series stopping levers.	
15	Check the condition of the arc chutes.	
16	Check the clearances of the arc chutes from the fingers	
17	Replace controller cover	

COMMENTS: \_\_\_\_\_

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Serviced By: \_\_\_\_\_

Signature: \_\_\_\_\_

Membership No.: \_\_\_\_\_

# SYDNEY TRAMWAY MUSEUM

## CONTROLLER OVERHAUL INSPECTION SCHEDULE

Car No.: \_\_\_\_\_

Date: \_\_\_\_\_

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

OVERHAUL INSPECTION		
STEP	ITEM	INITIAL
1	Inspect the controller cover noting the condition of handles or catches, repair as necessary.	
2	Vacuum out all the dust and dirt.	
3	Remove reverser fingers, clean and smooth, then replace. Check the condition of reverser drum segments, repair as necessary and check tightness of all securing screws.	
4	Check the drop of the Reverser fingers.	
5	Clean and lubricate Reverser fingers and segments with Petroleum Jelly.	
6	Check tight all connections.	
7	Check alignment of Main Drum castings and tighten casting screws.	
8	Check and dress Main Drum fingers and renew any broken or badly damaged fingers.	
9	Check segments, replace any tips where required and lubricate with Petroleum jelly.	
10	Check the fingers for drop and pressure.	
11	Tighten fingers and connections, then lubricate with Petroleum jelly.	
12	Check the spacing discs, clean and lubricate.	
13	Check the operation of the Star Wheels and Pawls, and lubricate.	
14	Where fitted, check the function of the Ratchet switch and repair if necessary.	
15	Check the function and condition of the motor cut-out switches; also check the operation of the series stopping levers.	
16	Check the condition of the arc chutes.	
17	Check the clearances of the arc chutes from the fingers and alignment.	
18	Inspect all bearings, renew if necessary and lubricate	
19	Test insulation resistance at the nominated points	
20	Replace controller cover	

COMMENTS: \_\_\_\_\_  
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Serviced By: \_\_\_\_\_

Signature: \_\_\_\_\_

Membership No.: \_\_\_\_\_