



# WMSC Inspection Report 20241209

ISSUED 12/10/24

## Inspection Details

Inspection of CTEM for Compliance with C-0096

New Carrollton CTEM Shop - Railyard (D99)

12/09/2024

08:30-11:00

Unannounced

Risk-Based

C-0096

Hazard Rating: 3E

## Overview

On December 9, 2024, a WMSC Inspector conducted a rules compliance inspection of the New Carrollton Metrorail Car Track Equipment Maintenance (CTEM) Shop and Yard (D99) for compliance with the Metrorail Operating Rules and Procedures Handbook (MOR), compliance with corrective action plan C-0096, including Preventive Maintenance Inspections (PI) activities.

This is a risk-based inspection based on corrective action plan C-0096. C-0096 was created to address finding 13 from the [2021 Audit of Roadway Maintenance Machine Inspection, Maintenance and Training](#) that “There is no clear way for field personnel to identify WMATA owned RMMs that have been inspected and deemed safe for use.” C-0096 was closed on November 24, 2021.

New Carrollton CTEM takes care of small and handheld equipment, flat cars, and some heavy equipment. CTEM follows Equipment Reliability Update (ERU) form ERU2008-01 and applies equipment failure service tags when WMATA RMM are affected.

## Defects and Corrective Actions

WMSC Inspections identify safety issues that may be classified as defects, findings, or recommendations. Findings and recommendations are defined by Program Standard Section 5.E.2 and 5.E.3 respectively. Ordinarily, issues identified in a WMSC inspection report are classified as



defects. Defects are specific safety issues of non-conformance/non-compliance that are identified and that require remedial action.

This inspection did not identify any findings or recommendations and therefore does not require a WMSC Corrective Action Plan in accordance with Program Standard Section 5.E.4.

This inspection did not identify any defects and therefore is only required that WMATA acknowledge receipt by December 13, 2024.

### Non-Defect Observations

The inspector received good support from CTEM’s staff. All out of service machines displayed a failure service tag, as required. All out of service machines were listed in the daily CTEM Track Equipment Out of Service Status Report as required.

After conclusion of the inspection, the inspector conducted a debrief with the CTEM Superintendent in accordance with Program Standard Section 6.F.1.

The inspector found no defects during this rules compliance inspection of the New Carrollton Metrorail Car Track Equipment Maintenance (CTEM) Shop and Yard (D99). The following serve to document the observations.

Inspector reviewed the Car Track Equipment Maintenance, Rail Fleet Status Report to verify the status of heavy equipment (photos below). Inspector then went to examine the heavy equipment in the shop and the yard to verify proper tagging procedures in accordance with ERU-2008-01 (Equipment Failure Service Tags).

### Photos

**Car Track Equipment Maintenance, Rail Fleet STATUS REPORT**

WARNING!!! SINGLE AXLE RMMs AND HI-RAIL VEHICLES ARE RESTRICTED TO 15 MPH  
12/9/2024 PHONE: [REDACTED]

Scan this QR code to email Equipment Deficiencies to: CTEMReporting@wmata.com  
If you are viewing this Electronically, click here to access the Deficiency Report

OUT OF SERVICE - HEAVY EQUIPMENT						
EQUIPMENT	NUM	OOS	YARD	FAILURE / REMARKS	STATUS	EDC
PRIME MOVER	PM30	02/23	ALX	REAR DIFFERENTIAL REPLACEMENT	AWAITING PARTS	TBD
BALLAST REGULATOR	BR01	10/23	ALX	PM / REPAIRS / BOTH WING WEAR PAD REPLACEMENT	IN WORK	12/13
GEOMETRY VEHICLE	TGV01	11/15	ALX	PM / REPAIRS / BRAKE SYSTEM PARTS TIME CHANGE OUT	IN WORK	12/13
PRIME MOVER	PM45	12/04	ALX	HYDRAULIC LEAK AROUND THE DUAL PUMPS	IN WORK	12/10
SWINGMASTER	SM03	10/15	NC	AXLE REPAIRS / BOLTS – ETA 12/16	AWAITING PARTS	12/24
CONCRETE PLANT	CP516	11/29	NC	HANDRAIL / FALL PROTECTION INSTALLATION ECC	IN WORK	12/18
PRIME MOVER	PM41	12/04	NC	PM / REPAIRS	IN WORK	12/09
PRIME MOVER	PM64	12/02	NC	PM / REPAIRS	IN WORK	12/09
JET RODDER	JR03	12/04	NC	WASTE TANK REPAIRS	IN WORK	12/11
TAMPER	T005	11/13	GBT	HYDRAULIC TRIPLE PUMP FAILURE	IN WORK	TBD
TAMPER	T004	12/04	GBT	PM / REPAIRS	IN WORK	12/10
WHEEL LOADER	WL02	12/05	BA	PM / REPAIRS	IN WORK	12/11
GEISMAR 360	GC01	11/04	BA	PROPULSION ISSUE / VALVE	AWAITING PARTS	01/17
PRIME MOVER	PM27	12/03	BA	PM / REPAIRS	IN WORK	12/10
TIE CRANE	TC07	11/08	BA	POST INCIDENT INSPECTION / REPAIRS	IN WORK	01/31
SWINGMASTER	SM05	07/31	DU	AXLE SEALS AND BEARINGS	IN WORK	12/13
RACINE DUAL CLIPPER	EC04	12/03	DU	PM / REPAIRS	IN WORK	12/09



# WASHINGTON METRORAIL SAFETY COMMISSION

OUT OF SERVICE - HEAVY EQUIPMENT						
Prime Movers Out of Service			5	Prime Movers (34) in Service		
				29		

  

OUT OF SERVICE - FLATCARS						
EQUIPMENT	NUM	OOS	YARD	FAILURE / REMARKS	STATUS	EDC
FLATCAR	F604	06/09	ALX	POST INCIDENT REPAIR	TBD	TBD

  

IN SERVICE WITH RESTRICTIONS			
EQUIPMENT	NUM	YARD	FAILURE / REMARKS
SKY LIFT	SV02	ALX	LAY UP IN ALEX YARD ONLY PM DUE 12/09
TIE INSERTER	TR05	ALX	LAY UP IN ALEX YARD ONLY PM DUE 12/11

  

TRANSPORT FOR REPAIR OR PREVENTIVE MAINTENANCE					
EQUIPMENT	NUM	REQUEST DATE	TRANSPORT TO	FAILURE / REMARKS	
PRIME MOVER	PM55	11/19	ALX	PM / REPAIRS DUE 12/02	
PRIME MOVER	PM39	11/19	ALX	2 YR PM / REPAIRS DUE 12/04	
PRIME MOVER	PM29	12/03	GBT	PM / REPAIRS DUE 12/09	
FLATCAR	F518	07/18	NC	DECK REPLACEMENT	

Shop Updated DU: 12/06 AL: 12/06 BA: 12/06 NC: 12/06 GB: 12/06

## Observation 1

Swing Master SM-03 compliantly displayed a clear lock-out tag. The axle was being repaired.

## Photos





### Observation 2

Jet Rodder JR03 correctly displayed three tags, a danger tag, a lockout tag, and an orange warning tag. The waste tank was undergoing repair and therefore, the unit was out of service as noted on the Car Track Equipment Maintenance, Rail Fleet Status Report.

### Photos





WASHINGTON METRO RAIL SAFETY COMMISSION





### Observation 3

Prime Mover PM64 accurately displayed a lock-out tag. PM64 was undergoing periodic maintenance repairs and therefore, the unit was out of service as noted on the Car Track Equipment Maintenance, Rail Fleet Status Report.

### Photos





#### Observation 4

Prime Mover PM41 displayed an out of service tag. PM41 was also undergoing periodic maintenance repairs and therefore, the unit was out of service as noted on the Car Track Equipment Maintenance, Rail Fleet Status Report.

#### Photos





### Observation 5

Per review of the onsite vehicle failure report, the Inspector noted Pettibone PB11 is in service and ready for use; no equipment failure service tags were present.

### Photos







### Observation 7

Inspector confirmed Prime Mover PM 47 equipment is in service; no equipment failure service tags were present.

### Photos





### Observation 8

A contractor vehicle, the Harsco Rail Grinder, is currently going through the contractor rail vehicle inspection process (OAP 101.02). Once approved, the contractor vehicle will display the Inspection Certification Sticker (ICS).

### Photos





## Next Steps

Please respond by Friday, **December 13, 2024**, to acknowledge receipt.