



Washington Metropolitan Area Transit Authority (WMATA)

Safety Directive 16-6 - Rail Vehicle Securement Investigation Tracker

All CAPs in this Directive were **closed** as of 05/21/19

Corrective Action Plan (CAP) Summary			
Total	Submitted (✓)		Open (●)
	Closed	Under Review ¹	
6	6	0	0

¹ Under Review status includes items that were submitted to FTA for review and closure, and items that were returned by FTA to address additional comments.

Risk Assessment Category and Description with CAP Totals			
I	II	III	IV
Unacceptable	Undesirable - ESC* Decision Required	Acceptable with ESC* Review	Acceptable without ESC* Review
Submitted: 0 Open: 0	Submitted: 0 Open: 0	Submitted: 6 Open: 0	Submitted: 0 Open: 0

* ESC - Executive Safety Committee

CAP Number	Risk Assessment	Closure Submission Date**	CAP Status	Actionable Item Status
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**Date WMATA requests closure. Actual closure date is subject to FTA review and acceptance of the closure.

Rail Vehicle Securement Investigation	<div><div></div><div>0%50%100%</div></div>	100%
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FTA-VSC-16-001	III	September 2017	Closed	<div><div></div><div>0%50%100%</div></div>	100%
<p>WMATA must complete its assessment regarding the safety risks from unintended train movement in rail yards and propose a new approach for implementing a redundant protection system that addresses this safety concern.</p> <ul style="list-style-type: none">✓ WMATA verified operation/holding of railcar hand brakes.✓ WMATA revised procedures to remove ambiguous language.✓ WMATA incorporated procedure changes into train operator/pilot training curriculum.✓ WMATA enforced the updated procedures.✓ Finally, WMATA performed a quality assurance audit of actionable items.					
FTA-VSC-16-002	III	July 2017	Closed	<div><div></div><div>0%50%100%</div></div>	100%
<p>WMATA must revise its Metrorail Safety Rules and Procedures Handbook and supporting Standard Operating Procedures to unambiguously reflect its approach for protecting against unintended train movement in rail yards.</p> <ul style="list-style-type: none">✓ WMATA identified existing ambiguous language and unclear instructions, and complete a hazard analysis.✓ WMATA revised rules and procedures governing unintended train movement in rail yards.✓ WMATA integrated updated rules and procedures into train operator/pilot training curriculum.✓ Finally, WMATA performed a quality assurance audit of actionable items.					
FTA-VSC-16-003	III	April 2019	Closed	<div><div></div><div>0%50%100%</div></div>	100%
<p>WMATA must update its approach for managing Temporary Orders to ensure that expired Temporary Orders are promptly removed from the Metrorail Safety Rules and Procedures Handbook and supporting Standard Operating Procedures as required.</p> <ul style="list-style-type: none">✓ WMATA established a rule book committee schedule to oversee management of temporary orders.✓ WMATA updated policy instruction for rule book management to reflect changes.✓ Finally, WMATA performed a quality assurance audit of actionable items.					
FTA-VSC-16-004	III	February 2018	Closed	<div><div></div><div>0%50%100%</div></div>	100%
<p>WMATA must revise its yard rules compliance checks checklist consistent with revised Metrorail Safety Rules and Procedures Handbook rules, and ensure that employees conducting the compliance checks are properly trained on yard rules.</p> <ul style="list-style-type: none">✓ WMATA revised yard rules compliance checklists.✓ WMATA provided training to compliance personnel on updated rules and checklists.✓ Finally, WMATA performed a quality assurance audit of actionable items.					
FTA-VSC-16-005	III	January 2018	Closed	<div><div></div><div>0%50%100%</div></div>	100%
<p>WMATA must develop and provide training to all rail transportation and car maintenance personnel regarding the new requirements for protecting against unintended train movement in rail yards.</p> <ul style="list-style-type: none">✓ WMATA reviewed existing rules for vehicle securement.✓ WMATA developed and implement training for vehicle securement rules and procedures.✓ Finally, WMATA performed a quality assurance audit of actionable items.					
FTA-VSC-16-006	III	July 2017	Closed	<div><div></div><div>0%50%100%</div></div>	100%
<p>WMATA must update its train operator training materials to address the 7000 series vehicles, including the location and automatic operation of handbrakes.</p> <ul style="list-style-type: none">✓ WMATA reviewed existing rules for vehicle securement.✓ WMATA developed and implemented training for vehicle securement rules and procedures, to include 7000 series vehicles.✓ Finally, WMATA performed a quality assurance audit of actionable items.					