

Fiscal Management Control Board

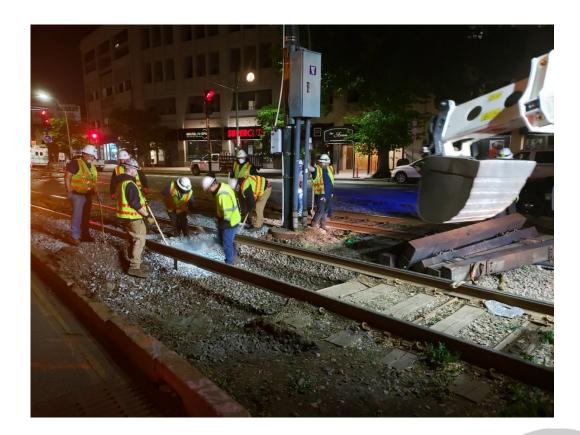
June 7, 2021

Ronald Ester, Chief Safety Officer

Michael Catsos, Deputy Director of Safety Assurance and SMS Implementation

Internal Safety Audits: Background

- Federal and state regulations at 49 CFR Part 673 and 22 CMR 151 require internal audits to evaluate compliance with safety program and associated policies / procedures
- MBTA's audit program applies to all directly operated and contract services for:
 - Heavy Rail
 - Light Rail
 - Bus
 - Paratransit

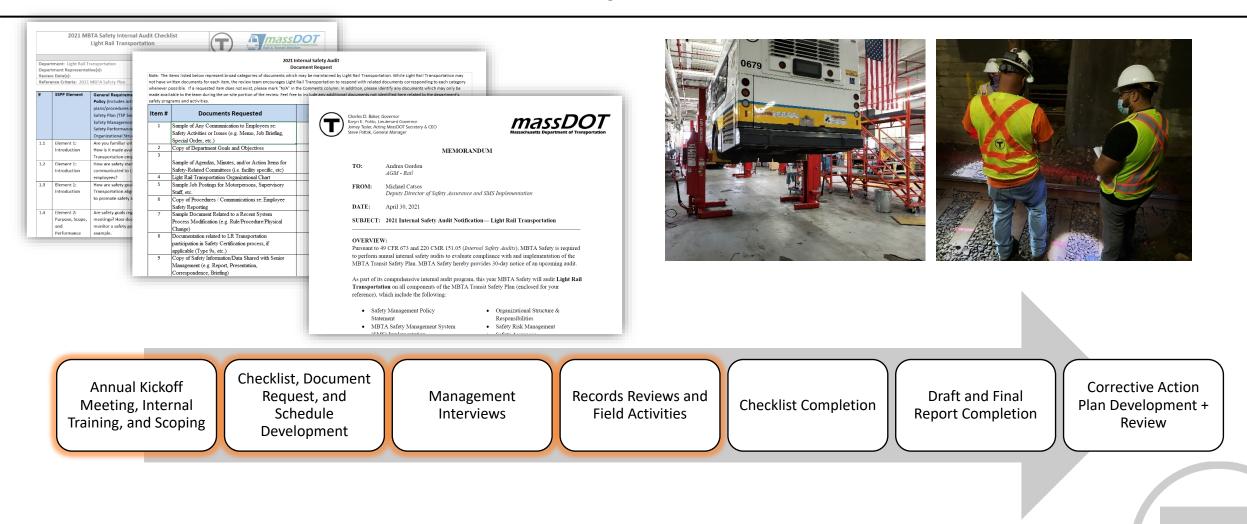


Internal Safety Audits: Timeline

• Departments and functions audited according to a rolling three-year schedule, with all areas audited at least once triennially

2020 (Complete)	2021 (In Progress)	2022
Operations Control Center (OCC)	Rail Vehicle Maintenance (RVM) (Heavy & Light)	Heavy Rail Transportation & Training
Transit Facilities Maintenance (TFM)	Maintenance of Way (MOW)	Capital Delivery
Procurement & Logistics	Light Rail Transportation and Training	Power
Bus Maintenance	Occupational Health Services	Signals
E&M Training	Paratransit "The Ride"	Safety
		Bus Operations

Internal Safety Audits: Process



Internal Safety Audits: Process

2021 MBTA Safety Internal Audit Checklist Rail Vehicle Maintenance Department: Rel Vehicle Mointenance Reviewer(h): Michael Catoon, Megham McDonnell, Anya Umacher, Creana Sanchez Transpan="2">Creana Sanchez Reviewer(h): Michael Catoon, Megham McDonnell, Anya Umacher, Creana Sanchez Reviewer(h): Michael Catoon, Megham McDonnell, Anya Umacher, Creana Sanchez	Control Distance Conversion Control Distance Conversion Control Distance Conversion Control Distance Conversion MIDELA SAFETY 2020 Internal Safety Interview Report	CORRECTIVE ACTION PLAN MIG CAP NUMBER DATE SAFETY OFFICIA 7371-7374 Model Catoo OPU REFERENCE NUMBERS MIGT REFERENCE NUMBERS
J SSPP Element General Regulationseth / Safety Management Policy (Incides suchties and social end policy Pin (175 Section 3. Encoduction Organization 3. Encoduction 3. Organization 3. Encoduction 3. Organization 3. Encoduction 3. Organization 3. Encoduction 4. Organization 4. Encoduction 4. He MITA Safety Plan is available to all fail Vehicle Maintenance (RVM) personnel via the MITA fail vehicle Maintenance (RVM) personnel via the miter vehicle Maintenance (RVM) personnel vehicle Maintenance (RVM) personnel vehicle Ma	Date: December 28, 2020 To: Steve Hicks C:: D. Hart T. Zentz Chief Mechanical Officer H. Sumar T. Zentz Howard Penaky O. Sarchez S. Baker FD: Chief Minimumore Officer O. Sarchez FD: Chief Minimumore Officer O. Sarchez FD: Chief Minimumore Officer O. Sarchez FD: Chief Safety Officer O. Sarchez Ared Audited: Bus Maintenance Safety Plan, derived from the referenced documents listed below. MITA Safety Plan, derived from the referenced documents listed below. Proceeding and Administration (FTA) Regulation 220 CMR 151.03 O 2019 MBTA Safety Plan O 2019 MBTA Safety Plan O 2019 MBTA Safety Plan O 2019 MBTA Safety Plan O 2019 MBTA Safety Plan O 2019 MBTA Safety Plan MBTA's Bus Maintenance function is responsible for managing the condition of the transit bus fleets, all majorimmor repairs, and there records for the manatenance activities performed. Bus Maintenance is comprised of a management group, eight (3) bus repair facilities, two (2) non-revenue repair facilities, a Bus Maintenance Engineering group and a Bus Maintenance Training group.	HITGHED HAZMD Hen 1. At the time of the audit, Bus Maintenance did not maintain a schedule for review and update of Emergency Response Plans. Hen 2. Bus Maintenance maintains several effective processes for hazard identification, but the results of hazard identification and tracking activities are not consistently communicated to Selfey. Hen 3. Bus Maintenance maintains several effective processes for hazard identification, but the results of hazard identification and tracking activities are not consistently communicated to Selfey. Hen 3. Bus Maintenance maintains several effective processes of proceed the processes of the several
	gement views Field Activities Checklist Co	ompletion Draft and Final Report Completion Review

Internal Safety Audits: Process

Assessment Scale Level	Description	
Noncompliant (NC)	Not in compliance with applicable regulations or MBTA safety program requirements.	
Compliant with Recommendation (CWR)	 Technically in compliance with applicable regulations and requirements, but: No written plan, policy, or procedure is in place; Practices not fully consistent with industry best practices and standards; Organizational and resource issues inhibit performance of safety activities. 	
Compliant (COM)	Resources in place to accomplish all objectives. Employees trained and knowledgeable on the policies and procedures which facilitate compliance with safety requirements.	

• In 2020:

- Zero (0) Findings of Noncompliance
- Twenty-one (21) Findings of Compliance with Recommendation across five audited departments and functions

Internal Safety Audits: Reporting

- Summary Reports for individual audits issued within 90 days
- Annual ISA Report summarizing all activities in previous year due annually to DPU by February 15
 - Signed by MBTA Accountable Executive / General Manager
 - Reviewed by Safety Management Review Committee and Chief Safety Officer



FEBRUARY 2021

MBTA SAFETY

Internal Safety Audits: Program Enhancements

- Checklist Completion Process
 - Expanded Safety input and extended interviews
- Training
 - Enhanced virtual course required for all MBTA Safety auditors
- Safety Lead Investigator Support
 - Independent MBTA Safety expertise in key technical areas
- External Support
 - Additional subject matter expertise
 and coverage capacity



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