



Safety Order

SFRG-OCT-500-FO



Subject: LRV 21 Derailment - Full Line 1 Closure

Date Issued: 2021-09-20

ID # SO – OCT
Party Receiving SO

2021-09-20
Date SO Issued
(YYYY-MM-DD)

Party Issuing Order: Chief Safety Officer - Brandon Richards

Party Receiving Order: Director of Rail Operations - Troy Charter

Transit Group: Rail - Confederation Line

Cause for Safety Order:	Severity Level		
	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input checked="" type="checkbox"/> 5
Safety Incident/Occurrence	Categorization		
	<input type="checkbox"/> System	<input type="checkbox"/> Plan/Procedure	<input type="checkbox"/> Human Factors
	<input checked="" type="checkbox"/> Vehicle/Infrastructure	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Environmental
	<input type="checkbox"/> Security	<input type="checkbox"/> Death/Injury	<input type="checkbox"/> Near Miss
	<input type="checkbox"/> Collision	<input type="checkbox"/> Damage to Property	<input type="checkbox"/> Other:
<input type="checkbox"/> Other			

Description of Non-Compliance

Due to the derailment of LRV 21 that occurred on September 19, 2021 at approximately 12:15pm between Tremblay and Hurdman stations, the decision was made to stop Line 1 service out of an abundance of caution at approximately 12:45pm.

Initial observations indicated that it appeared that 2 axles on the second car of the train had derailed. There were 12 customers on board at the time and there were no injuries to customers or staff. There was damage to both the vehicle and the infrastructure. The TSB, Transport Canada, RMCO and emergency partners were notified and an investigation is underway.

The CSO requests that the Director, Transit Operations, work with RTM and Alstom to determine root cause, perform a risk/hazard assessment, provide a process/procedures to ensure vehicle inspections and provide a report/plan to ensure safe operations on Line 1, including a return to service plan.

STOP WORK Is immediate suspension of work/operation required?

- Yes – Suspended work/operation:
 No

Suspend all service on Line 1

Risk & Hazard Assessment Is risk/hazard assessment required?

- Yes (provide risk/hazard assessment details to CSO or PM-SSIR) No

Who is responsible to complete assessment? RTM/Alstom and provide to OC Transpo
For assessments internal to OC Transpo: OTRC-Q400-03-FO

Corrective Action (provide corrective action details to CSO or PM-SSIR)

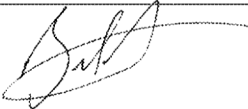
To be provided by RTM/Alstom to OC Transpo

Parties Responsible for Corrective Action**Required Implementation Timeframe**

RTM/Alstom

Notes: As per the letter issued to RTM on September 13, 2021 - an initial report is required with 12 hours for TSB reporting and interim report is expected within 7 days. Given the nature and severity of the incident, more regular and frequent updates will also be required.

CSO or Designate Safety Order Authorization

Name:	Title:	Signature:	Date:
Brandon Richards	Chief Safety Officer		2021-09-20

Recipient Party Acknowledgement (acknowledgement required within 24 hours)

Name:	Title:	Signature:	Date:

Distribution List

<input checked="" type="checkbox"/> RCQCA	<input checked="" type="checkbox"/> RMCO	<input type="checkbox"/> Training & Development	<input type="checkbox"/> CSO	<input checked="" type="checkbox"/> SSIR (OCTsafetycompliance@ottawa.ca)
<input checked="" type="checkbox"/> Rail Operations	<input type="checkbox"/> TOCC	<input type="checkbox"/> Legal	<input checked="" type="checkbox"/> RTM	<input type="checkbox"/> Other (please specify)

Safety Order Closure (For internal OCT use only – to be filled in by CSO/designate or PM-SSIR)

Name:	Title:	Signature:	Date:

Notes for Closure: