

## Incident Summary (Reference # 5618323) ( Final)

SUPPORTING INFORMATION	Incident Date		May 16, 2017	
	Location		Burnaby	
	Regulated industry sector		Elevating- Elevator	
	Impact	Injury	Qty injuries	1
			Injury description	One person was reported to have a bump on the head.
			Injury rating	Insignificant
	Damage	Damage description	One metal tab on escape hatch panel was slightly bent.	
		Damage rating	Insignificant	
	Incident rating		Insignificant	
Incident overview		Elevator cab emergency escape hatch panel fell and struck a passenger in the head.		
INVESTIGATION CONCLUSIONS	Site, system and components		The elevator emergency escape hatch is an access door on the ceiling of the elevator cab. The emergency escape hatch is to be installed as per manufacturer’s specification to prevent it falling/dropping into the elevator cab. The emergency escape hatch panel has a securing cable attached to the cab ceiling. The securing cable’s purpose is prevent the escape hatch from falling into the cab in the event the escape hatch becomes free from the cab ceiling.	
	Failure scenario(s)		The elevator escape hatch panel shifted from its normal secure position and fell from the ceiling. The escape hatch securing cable was not attached allowing the hatch to drop to elevator cab floor.	
	Facts and evidence		<ul style="list-style-type: none"><li>• Photo of escape hatch and securing cable. Photo shows the securing cable taped to inside of hatch panel indicating that cable may not have been secured. ( Photo 1)</li><li>• Elevating contractor states panel appears to be in normal condition.</li><li>• Notifier reported “panel fell from elevator cab interior on to passenger inside car.”</li><li>• See attached photos.</li></ul>	
	Causes and contributing factors		It is likely that the elevator emergency escape panel moved from its proper secured position due to improper installation or tampering by a user. It is highly probable that the securing drop cable was not attached to elevator cab. This would allow the hatch to fall and strike the user in the head and then drop to the floor.	



*Photo 1- Emergency Escape hatch. Hatch securing cable taped to the interior of the hatch. Photo taken on-site by notifier after incident occurred prior to any repair work.*



*Photo 2. Elevator escape hatch panel securely fastened to elevator cab. Approximately 72 inches from cab floor to lowest edge of escape hatch panel. Photo taken after hatch re-installed.*