



TROLLEY OVERHEAD SAFE WORK PLAN GUIDELINE

This document was prepared for general information purposes only. TransLink reserves the right to amend this document at any time or require additional information depending on the uniqueness of each project.

TERMS

Correct terms to use in Safe Work Plans:

- ❖ **TransLink:** the statutory authority responsible for the regional transportation network of Metro Vancouver.
- ❖ **Coast Mountain Bus Company (CMBC):** a subsidiary of TransLink responsible for operating the bus transit services in Metro Vancouver.
- ❖ **Trolley Overhead (TOH):** trolley overhead buses and supporting infrastructure (ex. running lines, poles, feeder lines, guy wire, etc.) used to power the trolley overhead buses and support the infrastructure that powers the trolley overhead buses.
- ❖ **TOH Limits of Approach (TOH LOA):** as described in the Trolley Overhead Limits of Approach boundaries document.
- ❖ **TOH infrastructure:** all parts of the trolley overhead 600 Volt Direct Current (VDC) system (ex. poles, feeder lines, running line, guy wires and all connectors etc.).
- ❖ **Reach potential:** anything that poses a risk of entering or encroaching upon, the trolley overhead limits of approach, when working with materials or operating equipment around the TOH infrastructure.
- ❖ **Running wires:** the energized 600 VDC lines that run above the roads providing power directly to the trolley buses.
- ❖ **Feeder lines:** the energized 600 VDC cables supported by poles that usually run above the sidewalk and feed the running wires.
- ❖ **Guy wires:** the tension cables that hold up the running lines, intersections, and any special work.
- ❖ **Independent Qualified Safety Watcher (IQSW):** an arm's length third party accredited by TransLink, and contracted by the Owner, to monitor the safe execution of activities occurring within the TOH Limits of Approach.
- ❖ **TCOMM:** CMBC Transit Communications - The Control Centre to call in case of emergencies (Number prominently displayed 778.593.5588).



TROLLEY OVERHEAD SAFE WORK PLAN GUIDELINE

REQUIREMENTS

The Safe Work Plan (SWP) must be reviewed for acceptance by TransLink Project Safety prior to the start of site work activities.

SWP submissions for work activities with the potential to reach into 3 metres (10 feet) from the TOH infrastructure must include effective safety measures that will prevent harm to workers, the public and/or to TransLink's trolley bus service:

1. Site location, brief project description, and site contact information.
2. Incorporation of the TOH Limits of Approach boundaries.
3. Hazard identification and safe work procedures describing:
 - a. Tasks/activities being completed.
 - b. Potential hazards (Examples: Contact with the 600 VDC TOH infrastructure, equipment working in the area such as scaffolding and ladders, cranes, backhoes, excavators or other heavy mobile equipment, motor vehicles, material falling on the TOH infrastructure, unplanned intrusions, etc.).
 - c. Safe work practices/control measures (Examples: signage, traffic management plan, site security and hoarding, debris management, use of IQSWs, TransLink's LOA orientation, emergency response and/or the control of risks to the TOH infrastructure, the trolley bus service and passengers).
 - d. Hazard Advice requirements provided by the Manager, Trolley Overhead Power Distribution.
4. What to do in case of an emergency.
 - a. Include TOH Limits of Approach boundaries document with emergency contact information, posted on site for all personnel.
 - b. Include safe work practices and procedure in case of an incident when contact is made with the TOH infrastructure, damage has occurred, or a downed wire exists that might contact the ground or any other piece of equipment.