



<b>Elevating and Amusement Devices Safety Program</b>	Ref. No.: 286 / 20
<b>ADVISORY</b>	Date: June 12, 2020

**Subject:** Escalator / Moving Walk Handrail Sterilization Products  
**Distribution:** TSSA website

**This advisory is intended to inform owners, consultants, and contractors on TSSA’s perspective regarding escalator / moving walk handrail sterilization products that are appearing in the market in response to COVID-19 prevention and mitigation.**

TSSA is currently aware of two product styles that expose the handrail to UV-C light.

One product style mounts externally at the newel of the escalator, while another style mounts internally inside the escalator truss.

**Externally mounted devices are not permitted** as there are several hazards created by these externally mounted designs.

**Internally mounted devices would be permissible** and would need to satisfy the following;

- Device(s) when mounted are fully internal to the truss and not accessible to public
- Device(s) satisfies electrical safety requirements and are listed/certified and labelled/marked as appropriate
- Installed by elevating device contractors utilizing elevating device mechanics
- Where UV exposure impacts handrail integrity, this shall be included in the maintenance control program with appropriate checkout procedures included in the On-Site documentation. (8.6.1.2.2(b))
- Submitted as a Minor B alteration

<b>8.7.6 Alterations to Escalators and Moving Walks</b>	
<b>8.7.6.1 Escalators</b> <b>8.7.6.1.1 General Requirements.</b> ... The addition of a component or a device that was not part of the original design is an alteration and must conform to the requirements of 8.7.6.1 for that device or component.	<b>8.7.6.2 Moving Walks</b> <b>8.7.6.2.1 General Requirements.</b> .... The addition of a component or a device that was not part of the original design is an alteration and must conform to the requirements of 8.7.6.2 for that device or component.
<b>8.7.6.1.14 Lighting, Access, and Electrical Work.</b> An alteration to or addition of lighting, access, or electrical work shall conform with the specific requirements within 6.1.7 for that change.	<b>8.7.6.2.14 Lighting, Access, and Electrical Work.</b> An alteration to or addition of lighting, access, or electrical work shall conform with the specific requirements within 6.2.7 for that change.

Note: The registration of any design submission for this type of device is in no way an endorsement by TSSA of the device or its ability to provide any safety function. TSSA registration acknowledges the device’s installation and its compliance with local elevator and electrical safety codes only.