

# Product Type Approval Certificate

*Full*

This certificate is issued to:

<b>Supplier name and address:</b>	Austbreck Pty Ltd 34-36 Westpool Drive, Hallam VIC 3803
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In respect of:

<b>Manufacturer:</b>	Furrer+Frey AG
<b>Place of manufacture:</b>	Thunstrasse 35 CH-3000 Bern 6 Switzerland
<b>Product description:</b>	Retractable overhead conductor rail, including control and transition arrangement with overhead wiring, in accordance with the following drawings: <ul style="list-style-type: none"> <li>• Layout drawing EL0815556</li> <li>• Mechanical drawings EL0177572-5, EL0667566-76, and EL0667580-83</li> <li>• Control system drawings EL0822024-55</li> </ul>
<b>Use approved for:</b>	Installation in Electric Vehicle Maintenance Centres in the TfNSW Metropolitan Heavy Rail network
<b>Conditions of approval:</b>	<ul style="list-style-type: none"> <li>• The interface arrangements with the lock out system in the maintenance depot shall be detailed in the design of the retractable overhead conductor rail (ROCR) installation. Refer to SPG 1255 <i>Lock Out System for Overhead Wiring in Maintenance Depots</i>.</li> <li>• An earthing and bonding design for the maintenance depot area shall be done in conjunction with the design of the ROCR installation.</li> </ul>

	<ul style="list-style-type: none"><li>• The ROCR shall be installed, commissioned and maintained by personnel that have been trained and certified by Furrer+Frey</li></ul>
<b>Limitations:</b>	NA

## Evaluating rail transport operator

<b>Name:</b>	Lidija Dumbaloska
<b>Position:</b>	Director Energy Networks & Systems, Asset Management, Transport for NSW
<b>Signature:</b>	<i>L. Dumbaloska</i>
<b>Date:</b>	28/07/21

**Product approval pack reference number:** fA699734