



Product Type Approval Certificate

This certificate is issued to:

Supplier:	Austbreck Pty Ltd
	34-36 Westpool Drive, Hallam VIC 3803

In respect of:

Manufacturer:	Furrer+Frey AG
Place of manufacture:	Thunstrasse 35 CH-3000 Bern 6 Switzerland
Product description:	Retractable overhead conductor rail, including PLC control and transition arrangement with overhead wiring, in accordance with the following drawings: <ul style="list-style-type: none">• Layout drawing EL0676232• Mechanical drawings EL0676233-52• Control system drawings EL0676253-306
Use approved for:	Installation in Electric Vehicle Maintenance Centres in the TfNSW Metropolitan Heavy Rail network
Conditions of approval:	<ul style="list-style-type: none">• 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>.• An earthing and bonding design for the maintenance depot area shall be done in conjunction with the design of the ROCR installation.• The ROCR shall be installed, commissioned and maintained by personnel that have been trained and certified by Furrer+Frey
Limitations:	Nil
Comments:	Nil

Approval

ASA Lead Engineer:	Chris Lilly, Asset Standards Authority
Position:	Lead Electrical Engineer
Contact details:	Chris.Lilly@transport.nsw.gov.au
Signature:	
Date:	

[Fill this section only if independent safety assessor is engaged, otherwise mention N/A]

Independent safety assessor:	N/A
Position:	N/A
Contact details:	N/A
Signature:	N/A
Date:	N/A