



AUSTRALIAN RAIL TRACK CORPORATION

Certificate No.: **S-02-10-095**

NEW EQUIPMENT & SYSTEM APPROVAL CERTIFICATE

Approval date: 9 August 2010

Approved by: ARTC Risk & Safety Committee

Report no.: TAS 02-1007-FO104

Report date: 24 July 2010

This certificate is issued to:

Supplier: **Fortress Interlocks Pty Ltd**

In respect of:

Manufacturer: Fortress Interlocks Pty Ltd
Building 12, 25 Commercial Drive
Lynbrook
Victoria 3975

Product description: **FORTRESS DUPLEX LOCK**

Item identification: Fortress Duplex Lock comprising of:

- Fortress lock Style CL & CLS ('S' stainless steel version)
- Lock Focus operators lock
- Kraus & Naimer Style CA10 switch

Application: Duplex lock for signalling applications

Relevant Standards: SPS 02 Environmental Conditions
SPS 05 Electrical and Electronic Components
SDS 25 Signalling Circuit Design Standards

- Conditions of Approval:**
1. For use in accordance with ARTC specification SDS 25 and standard typical circuits only.
 2. Coding (legend stamped on key and/or lock), combination, handing and movement to be specified at time of order.
 3. Keys and Locks shall be selected in accordance with Type Approval Certificate 08-08-10-041.
 4. An administrative system shall be in place for the ordering, recording and issuing of the signalling lock and key (Fortress Lock).
 5. Retaining clips shall be fitted to the rear of both the Operator and Signalling lock mechanism to hold the interlocking discs in place and avoid the removal and incorrect re-fitment.
 6. The electrical operating characteristics of the rotary switch shall be met by the signalling design.

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Note/Comments: None

Issue date: 16/11/2010

Expiry date: N/A

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Issued by:

John Furness
ARTC Manager Standards

NEW EQUIPMENT & SYSTEM APPROVAL - APPROVED ITEM LIST

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The following lists the individual items (by catalogue number) are approved for use on ARTC infrastructure under the above referenced New Equipment & System Approval Certificate number, subject to any conditions shown on that Certificate and the Conditions of Use shown against individual items.

Catalogue /Part No.	Item Type	Description	Conditions of Use (including Version number if applicable)
H31	n/a	Key	Traffic Key.
H31	n/a	Lock	Use for Point Machines to release manual operation.
CL	n/a	Key	New keys will only be issued to the ARTC Manager Standards who then issues to the relevant operations/new works officer.
CL	90° RH	Lock	Use for Emergency Switch Machine Lock (ESML), Emergency Operation Lock, ½ Pilot Staff and Releasing Switch.
CA10	Switch	Rotary Switch	Rotary switch manufactured by Kraus & Naimer.
		Case	Manufactured by Fortress Interlocks