



AUSTRALIAN RAIL TRACK CORPORATION

Certificate No.: **S 09-1330-134**

NEW EQUIPMENT & SYSTEM APPROVAL CERTIFICATE

Approval date: 12th May 2014

Approved by: Operations Safety & Environment
Review Group

Report no.: TAR-09-1330-MRD134

Report date: 4th April 2014

This certificate is issued to:

Supplier: MRD

In respect of:

Manufacturer: MRD Rail Technologies
235 South St
Cleveland
Queensland
4163

Product description: RELAYPRO AUTOMATED RELAY TESTER

Item identification:

Application: 'MRD' RelayPro Automated Relay Tester to be used on the entire ARTC network to test Q style relays.

Relevant Standards: ESE-05-01 'Relay Testing Procedure' – 'Standard'
ESM-05-11 'Vital signalling relays' – 'Standard'

Conditions of Approval:

1. For use by individuals with a Certificate 4 for Rail Signalling or equivalent, or be a higher qualified person.
2. Only components from the list may be utilised.
3. Any changes to the design or materials are not covered by this approval certificate and are to be submitted to ARTC to be re-approved.

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 19011:2003.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval.

Note/Comments: None

Issue date: 22nd May 2014

Expiry date: N/A

Page: 1 of 3

Issued by:

John Furness
ARTC Manager Standards

Specific Conditions of Approval:

- i. Performance requirements set in the unit shall not be changed by the operator.
- ii. Performance requirements for new relays shall only be set by a Signal Maintenance Engineer or Team Leader signal Maintenance.
- iii. Only approved versions of software shall be loaded onto laptops or other computers to control the tester.
- iv. Units and components shall only be transported in the approved case.
- v. The RelayPro shall be calibrated every 12 months.

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 19011:2003.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval.

NEW EQUIPMENT & SYSTEM APPROVAL - APPROVED ITEM LIST

Product description: **MRD – RELAYPRO AUTOMATED RELAY TESTER**

Certificate No: **S 09 1330 134**

The following lists the individual types (by catalogue number) of **RelayPro Automated Relay Tester** Equipment manufactured by **MRD** which are type approved for use in signalling circuits on ARTC infrastructure under Type Approval Certificate **S-09-1330-134** subject only to any conditions shown on that Certificate and the Conditions of Use shown against individual types.

PRODUCT NAME Main Items

Part No.	Description	Version
RPTB-Q	RelayPro (Firmware V1.0) Software Version 8.0.4	V4.2 R4
RP-CK	RelayPro Calibration Kit Software version	V1.0 V1.2
-	RelayPro Installer (Front End Software)	V8.1.4
RPA104	Zero Reference	V4.2 R4
RPA102	1R Precision Reference	V4.2 R4
RPA105	Test Base	V4.2 R4
-	Carry Case	-