AUSTRALIAN RAIL TRACK CORPORATION

Certificate No.: **S 02-1103-111**

NEW EQUIPMENT & SYSTEM APPROVAL CERTIFICATE

Approval date: 1st May 2014

Approved by: Review Panel

Report no.: TAR-02-1103-Mc111

Report date: 07th April 2014

This certificate is issued to:

Supplier: **McLeod Rail**

In respect of:

Manufacturer: **McLeod Rail**
702 Footscray Rd,
West Melbourne 3003
Victoria, Australia

Product description: **FFD001 RAIL FIXED TRAIN DERAILER**

Item identification: **SEE APPROVED ITEM LIST**

Application: Controlled derailment of rollingstock across the entire ARTC network

Relevant Standards: SPS 02 – 'Environmental Conditions'

Conditions of Approval:

1. Derailer to be based on performance needs and nominated performance limits.
2. FFD001 derailer to be used where maximum speed of rollingstock to be derailed does not exceed 10kph.
3. Additional pilot holes must be pre-drilled/cast (minimum of two in either sleeper) into derailer mounting base to enable additional screws to mount the derailing equipment.
4. To only be used with lever operation. Manual lifting of the derailer is not permitted.
5. Derailer must be securely locked in either the normal position or reverse position at all times (must not be free to move when unattended).
6. Must be installed by competent installers in accordance with manual McLeod Rail Derailer Operational Manual Version 6.1 or latter.
7. Ballast drag must be installed in every location to the required length as per 'Part D – Rolling Drag' Calculation spread sheet.
8. Timber sleepers must be used.
9. Only components from the attached components list may be utilised.
10. The derailer must be installed on the outside rail when the track is curved.

Note/Comments: None

Issue date: 1st May 2014 **Expiry date:** N/A

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Issued by:

John Furness
ARTC Manager Standards

NEW EQUIPMENT & SYSTEM APPROVAL - APPROVED ITEM LIST

Product description: **FFD001 RAIL FIXED TRAIN DERAILER**

Certificate No: **S 02 1103 111**

The following lists the individual types (by catalogue number) of Fixed Train Derailer parts manufactured by McLeod Rail which are type approved for use in signalling circuits on ARTC infrastructure under Type Approval Certificate **S-02-1103-111** subject only to any conditions shown on that Certificate and the Conditions of Use shown against individual types.

For use in sidings. Max speed of 10kph only

Part number	Description	Includes
FFD001028-1RH	Derail RH Throw	
FFD001028-1LH	Derail LH Throw	

Individual components		
FFD001021	Derailer Body	
FFD001008	Derail Locking Bar	
FFD001019	Flag Arm	Warning Sign
FFD001028	Derail Frame Body	