

## NEW EQUIPMENT & SYSTEM APPROVAL PROFORMA

Ref: 08-08-11-086

Note: the prompts given below are only a guide to the information required for approval. Dependent on the type of equipment or system that requires approval delete any section that is not applicable or include additional information if necessary. Mandatory fields are marked with an asterisk (\*).

**1 Equipment or System to be approved \***

**Dual Gauge Derail (Broad and Standard Gauge)**

**2 Originator \***

Name: Rod Warren

Company: ARTC

**3 Introduction \***

New track componentry, development of Hayes retractable derail and optional crowder, used in Victoria.

**4 Determination of Need \***

Required for use in dual gauge track under Rail Safety Management of ARTC (owned by Port of Melbourne)

**5 Significant Change or Not \***

This change in equipment or system is assessed as MINOR

**6 Review Panel (as determined by the Manager Standards) \***

- John Furness - Manager Standards
- Tim Calver
- Ian Domleo

**7 Safety**

Considered to be fit for purpose, refer to attached type approval application prepared by Asia Pacific Rail.

**8 Performance and Suitability**

Considered to be suitable for use.

**(i) Use in other rail networks**

**(ii) Use in the ARTC network**

Similar unit in track been in at South Dynon for some years. Experience to date with this unit has been good. Different design of dual gauge derail (previous AN design) currently in use at Birkenhead. This design considered to be superior.

**(iii) Issues arising from usage of the equipment/system**

None

**(iv) Changes required to infrastructure or systems for use of the equipment**

None

**9 Reliability**

N/A

**10 Maintainability**

Not maintained by ARTC

**11 Approval \***

This approval covers the DG derail design dated 24<sup>th</sup> August 2007, prepared by Asia Pacific Rail for use in 5 different configurations ie

1. Throw to the right over common rail, in track at S Dynon
2. Throw to the right over common rail, modification to existing unit
3. Throw to the right over the dual gauge rails.
4. Throw to the left over the dual gauge rails.
5. Throw to the left over the common rail.

12 **Conditions of Approval \***

13 **Does the Originator accept the additional Conditions of Approval as set by the Review Panel:**

Yes

☐

No

☐

N/A

☒

14 **Sign off**

**ARTC office use only**

**Review Panel:**

John Furness

Tim Calver

Ian Domleo

*J. Furness*  
*T. Calver*  
*I. Domleo*

Date:

*12/12/07*

Date:

*12/12/07*

Date:

*12/12/07*