

NEW EQUIPMENT & SYSTEM APPROVAL PROFORMA

Ref: 08-08-11-099

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 ***
Australian Railway Supply Company (ARSC) AS47kg rail

2 **Originator ***
Name: Wayne Potter Company: ARTC

3 **Introduction ***
Due to lack of economy of scale, production of 47kg rail ceased in Australia some time ago. There is still a demand for this rail gauge in regions of ARTC's network. The Australian Railway Supply Company intend to manufacture rail in China and import to supply Australian railway maintainers.

4 **Determination of Need ***
The existing 47kg rail on ARTC's network will need replacing at some stage. The supply of 47kg rail provides the option of replacing like for like instead of having to upgrade to the next size up.

5 **Significant Change or Not (as determined by the Manager Standards) ***
This change in equipment or system is assessed as MINOR

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

- Manager Standards – John Furness
- Environmental and QA Officer- Wayne Potter
- Civil Standards and Technical Services Engineer – Tim Calver

7 **Performance and Suitability**
Dimensions: for AS 47KG, is found in the Australian Standard AS1085, PART 1 – 1977, this standard states the dimensions for the rail and will be followed to produce the AS 47KG Rail.
Production and Materials: Will be produced to all the relevant specification stated in Australian Standard: AS 1085.1 - 2002 Railway Track Material. Part1: Steel rails.
The rail will be shipped to Australia in lengths of 13.72 meters and below deck sealed from all moisture during its voyage. It will then be unloaded and held in storage to be tested as per the Australian Standard AS 1085.1 – 2002, by Metlabs in North Melbourne prior to delivery to ARTC.
Appendices contain the full report on testing.

8 **Approval ***
The ARSC AS47kg rail is approved for use by ARTC network wide.



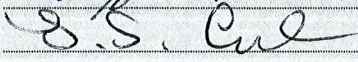
9 **Conditions of Approval ***
No conditions

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
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11 **Sign off** **ARTC office use only**

Review Panel:

John Furness		Date:	08/01/08
Wayne Potter		Date:	08/01/08
Tim Calver		Date:	8/1/08