

Certificate No. NESA-T044

Version No.

1.1

Revised date 16/05/2018

Approved by General Manager Technical Standards

Report no. 12/25688

Report date 14/05/2012

This certificate is issued to

Supplier Martinus Rail
1/ 23-27 Waratah Street
Kirrawee NSW 2232

In respect of

Manufacturer(s) Manganese Crossing:
QINHUANGDAO SHANHAIGUAN RAILWAY MATERIAL CO. LTD No.6,
6 Taichang Road,
Lingang Industrial Park,
Qinhuangdao, Hebei, 066200, China
Tangential stock rail and switch assembly, and checkrail assembly:
DT
Dolní 100, 797 11 Prostejov,
Czech Republic

Product description MARTINUS RAIL 30TAL TANGENTIAL TURNOUT ASSEMBLIES

Item identification This type approval covers the following Martinus Rail turnout assemblies:
1. Tangential stock-rail and switch assembly
2. Fully cast manganese crossing – This is cast manganese crossing with legs welded onto the cast crossing.
3. Raised adjustable checkrail assembly

These turnout assemblies are suitable for all current axle loads and speeds currently used on ARTC network including the Hunter Valley region.

Assemblies are interchangeable with current assemblies from other suppliers.

Application Network wide

Relevant Standards ARTC and Australian Standards related to
1. ETA-03-02 New Turnout and Diamonds

2. ETA-03-03 Technical Specification
3. Section 3 – Points and Crossings

Conditions of Approval

Supplier:

1. 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.
2. Any subsequent change to the design, materials, manufacturing process or place of manufacture is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.
3. To provide training on the inspection and maintenance of the turnouts.
4. To provide ongoing technical support and provision of maintenance manuals for the lifetime of the turnouts.
5. Conformance with relevant ARTC Standards including this type approval and Australian Standards. Provide conformance certificate for each supply.
6. All Engineering drawings and documentation to comply with ARTC's Engineering Drawings and Documentation Procedure.

ARTC:

7. Quality documentation for the supply and installation.
8. Area Manager is to report ongoing performance issues to the Manager Standards.
9. Approval for up to 30TAL.
10. Installation as per manufacturer's instructions.
11. Maintenance as per manufacturer's manual.

Note/Comments

Issue date 21/05/2018

Expiry date N/A

Issued by



David Ogucha

Acting ARTC Manager Standards

Revised on 15/05/2018, supporting documents:

1. Certification
 - a. Certificate of quality management system – QINHUANGDAO SHANHAIGUAN RAILWAY MATERIAL CO. LTD
 - b. ISO9001:2008 Certificate No. QEC29920 – Martinus Rail Pty Ltd
 - c. Certificate of Conformity Doc No. MR-Q-FM-017 (ver 1.3) – Martinus Rail
2. Self-Protected High Manganese Frog – Inspection Report – ZL-1711-002
3. Turnout Inspection Check Sheet – Doc No. MR-Q-CS-121