



Product Type Approval Certificate

Full


This certificate is issued to:

Supplier name and address:	Martinus Rail, Unit 2, 2 Ethell Road, Kirrawee, NSW, 2232 Progress Rail, 24 Daisy Street, Revesby, NSW Australia 2212 VAE or Vossloh Cogifer, Orange, NSW; Castlemaine, Vic; Kewdale WA.
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In respect of:

Manufacturer:	National Trackwork, Inc.
Place of manufacture:	1500 Industrial Drive, Itasca, Illinois, 60143, USA
Product description:	Model 1002RG "Rectangular Glide" Run-Through Switch Stand i) Hand-operated mechanical switch lever.
Use approved for:	Turnout assemblies in yard and siding environments, where train movements can be trailed through points.
Conditions of approval:	refer to annexure 2
Limitations:	NA

Evaluating rail transport operator

Name:	John Paff
Position:	Lead Track Engineer, Asset Standards Authority, Transport for NSW
Signature:	
Date:	28-08-19

Product approval pack reference number: qA857697

Annexure 1 Supporting Documentation

Title	Issuing Authority	Author	Report Number	Status
National Trackwork and Racor Switch Lever – Force Tests	Transport for NSW – ASA	K. Gerrard	-	Issued 15th Dec 2015
Operating Manual for National Trackwork Switchstands	National Trackwork, Inc.	R. Fiorio	20071227	Issued 27th Dec 2007
Certificate of Compliance	Thompsons, Kelly & Lewis Pty. Ltd.	N. Farrington	R13855	Issued 24th Feb 2007
Switch Stands Adjustment Instructions	Burlington Northern RR	-	2161 01 01	Issued 12th Oct 1994
International Quality System Registration Certificate	QAS International	-	US3853	First Issued 26th Aug 2014

Annexure 2 Conditions of approval

1. All Type Approval Certifications will be subject to review within a period not exceeding 5 years.
2. The Place of Manufacture shall hold International Quality System Certification
3. This Type Approval Certificate applies to switches with the standard “rectangular” handle as well as switches with the optional “shovel” handle. This Type Approval applies to the switch handle and switch stand only, excluding any rodding or other equipment connecting the switch stand to the track.
4. The track designer / installer of the National Trackwork switch lever must carefully ensure compliance with track clearance standards.
5. Consideration needs to be given to the particular requirements, processes and guidelines relating to the installation and maintenance of turnout components, including manual points levers, as contained within the ASA standards document TMC 251 Turnouts.
6. Competent personnel must be engaged to install and maintain this equipment, based upon information contained within the relevant “Operating Manual” provided with the equipment by the supplier, which is deemed to be the TMP for this product.
7. Should the presence of any previously unidentified defect or condition in service arise, it shall require further collaborative investigation.
8. The supplier or manufacturer must advise TfNSW ASA of any changes made to the product or system that may alter its identification, performance characteristics, form, fit, function, processes required for correct usage, or place of manufacture, to enable review and revision of this approval.