



Product Type Approval Certificate

Full

This certificate is issued to:


Supplier name and address:	voestalpine VAE Railway Systems Pty Ltd 33 McLennan Street Mackay Qld 4740, Australia, 34 Alpha Street Bathurst NSW 2795, Australia
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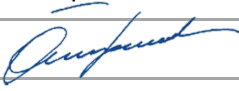
In respect of:

Manufacturer:	Global Manufacturing Group
Place of manufacture:	11 Dalrymple Drive, Gladstone, QLD, 4680, Australia 92 Kent Street, Maryborough, QLD, 4650, Australia
Product description:	In-Bearer Modifications to suit MK II Torsional Back drive as shown in drawing EDMS number SG0739465 Rev A
Use approved for:	In turnouts where Torsional Back Drive is used on TfNSW Heavy Rail Network
Conditions of approval:	<ol style="list-style-type: none"> 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. Should the presence of any previously unidentified defect or condition in service arise, it shall require further collaborative investigation. 4. The installation process does not have any detrimental effect to the electrical performance of the product. 5. The supplier or manufacturer must advise ASA, TfNSW 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. 7. This type approval shall be referenced on all AFC and As-Built drawings.
Limitations:	NA

Evaluating rail transport operator

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

Name:	Omer Saricilar
Position:	A/Lead Signals and Control Systems Engineer, Asset Standards Authority, Transport for NSW
Signature:	
Date:	09 August 2019

Product approval pack reference number: qA863003

Annexure 1 Schedule of Certifications

Title	Registration Number	Valid till	Issuing Authority	Status
GMG Certification of Registration Quality Management System ISO 9001:2015	QEC25239	12 May 2021	SAI Global Certification Services	Current
voestalpine VAE Railway Systems Pty Ltd Quality Management System ISO 9001:2015	AU002255-1	26 March 2020	Bureau Veritas	Current

Annexure 2 Supporting Documentation

Title	Issuing Authority	Author	Report Number	Status
GMG Quality Manual System – ISO 9001	Global Manufacturing Group	GMG	QM10000_17	Current
In-Bearer modification letter	voestalpine VAE Railway Systems Pty Ltd	VAE	Q12370	Current
Evaluation Of HSEQ Compliance	voestalpine VAE Railway Systems Pty Ltd	VAE	Rev 2.2 - NBH/PDA	22/08/2016