

Product Type Approval Certificate

Full

This certificate is issued to:


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

Manufacturer:	voestalpine Rail Technology GmbH, voestalpine Railway Systems Australia Pty Ltd (fabricator)
Place of manufacture:	Kerpelystraße 199 8700 Leoben Austria 34 Alpha Street, Bathurst, NSW, 2795 Australia (fabricator) 33 McLennan Street, Mackay, QLD, 4740 Australia (fabricator)
Product description:	400UHC Premium Fixed crossing
Use approved for:	TfNSW heavy rail network
Conditions of approval:	<ol style="list-style-type: none"> 1. The place of manufacture shall maintain current International Quality System Certification. 2. This Type Approval Certificate will be subject to review within a period not exceeding 5 years. 3. Should the presence of any previously unidentified defect or condition in service arise, it shall require further collaborative investigation with the RIM, and with AMB to be notified of the outcome. 4. The product shall be installed and maintained strictly in accordance with the manufacturer's instructions. 5. Maintenance and defects rectification of this product shall be carried out in accordance with the manufacturer's instructions. 6. The compound crossing geometry angle (crossing rate) shall be contained within approved design drawings, either from Sydney Trains/Railcorp legacy or from a current Technically Assured Organisation (TAO). 7. The supplier or manufacturer shall advise AMB, TfNSW of any changes made to the products 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.

Limitations:	This product shall NOT be used where maximum vehicle axle loads exceed 25 t.
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Evaluating rail transport operator

Name:	David Brown
Position:	A/Director, Corridor Infrastructure & Engineering, Asset Management Branch, Safety Environment and Regulation, Transport for NSW
Signature:	
Date:	25/07/2023

Product approval pack reference number: qA7391163

Annexure 1 Schedule of Certifications

Title	Registration Number	Valid till	Issuing Authority	Status
Quality Management System Certification (ISO 9001:2015) Voestalpine Railway Systems Australia Pty. Ltd.	AU005335-1	26/03/2026	Bureau Veritas Pty. Ltd.	Current
Environmental management System Certification (ISO 14001:2015) Voestalpine Railway Systems Australia Pty. Ltd.	AU005336-1	26/03/2026	Bureau Veritas Pty. Ltd.	Current
OHS Certification (ISO 14001:2015) Voestalpine Railway Systems Australia Pty. Ltd.	AU005337-1	12/02/2026	Bureau Veritas Pty. Ltd.	Current
Quality Management System Certification (ISO 9001:2015) voestalpine Rail Technology GmbH	Q1530905	31/07/2025	TÜV SÜD Landesgesellschaft Österreich, GmbH	Current
Environmental management System Certification (ISO 14001:2015) voestalpine Rail Technology GmbH	U1530905	31/07/2025	TÜV SÜD Landesgesellschaft Österreich, GmbH	Current
OHS Certification (ISO 45001:2018) voestalpine Rail Technology GmbH	ASM1530905	31/07/2025	TÜV SÜD Landesgesellschaft Österreich, GmbH	Current
Energy Management System Certification (ISO 5001:2018) voestalpine Rail Technology GmbH	EM1530905	31/07/2025	TÜV SÜD Landesgesellschaft Österreich, GmbH	Current

Annexure 2 Supporting Documentation

Title	Issuing Authority	Author	Report Number
VAE Innovative crossing solution, 400UHC rail grade material properties, 5 September 2018	vaRSAU	VAE Railway Systems Pty Ltd	N/A
400 UHC® Technical Characteristics	vaRSAU	VAE Railway Systems Pty Ltd	D206, March 2020
VAE Drawings	vaRSAU	VAE Railway Systems Pty Ltd	VAM 1725, SO - 1300 version 02 and VAM 18464
Field tests Niklasdorf with 400UHC crossing nose	vaRSAU	Melanie Pötz	U2023-0012, 28th February 2023
UHC 400 Premium steel crossing Assembly and Maintenance manual	vaRSAU	VAE Railway Systems Pty Ltd	Reference 117265 dated 06/03/2020.
400 Grade Weld Specifications	vaRSAU	VAE Railway Systems Pty Ltd	PQR FCAW 009 & PQR FCAW 010
vaRSAU UHC400 Premium Steel Compound Nose Crossing Installation and Operational Assessment Lidcombe 721 Pts Crossover FINAL	Sydney Trains	Joe Sest	TR273.1