

Product Type Approval Certificate

Full / ~~Provisional~~ / ~~Restricted~~

This certificate is issued to:

Supplier name and address:	Progress Rail Australia 24 Daisy Street, Revesby, NSW, 2212
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In respect of:

Manufacturer:	China Railway Shanhaiguan Bridge Group Co., LTD.
Place of manufacture:	No.35, Nanhai West Road, Shanhaiguan District, Qinhuangdao, Hebei Province, P.R.C.
Product description:	Austenitic manganese steel cast monoblock crossing
Use approved for:	TfNSW heavy rail network, as considered compliant to AS 1085.21, ESC 200, ESC 250 and SPC 251.
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. A register shall be maintained of all locations where PRE and Progress Rail austenitic manganese steel cast monoblock crossings have been installed 3. All installed austenitic manganese steel cast monoblock crossings shall undergo an annual condition inspection 4. All austenitic manganese steel cast monoblock crossings shall be manufactured and installed to the requirements of ESC 250 – <i>Turnouts and Special Trackwork</i> 5. The supplier or manufacturer must advise ASA TfNSW, of any changes made to the material product 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 type approval 6. Should the presence of any previously unidentified defect or condition in the service arise, it shall require further collaborative investigation.

Limitations:	NA
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Evaluating rail transport operator

Name:	John Paff
Position:	Lead Track Engineer, Asset Standards Authority, Transport for NSW
Signature:	
Date:	28-02-2020

Product approval pack reference number: qA873154

Annexure 1 Schedule of Certifications

Title	Registration Number	Valid till	Issuing Authority	Status
China Railway Shanhaiguan Bridge Group Co., Ltd Quality Management System	ABZB18Q3176 3R5L	06/09/2021	BCC	Current
China Railway Shanhaiguan Bridge Group Co., Ltd Health and Safety Management System	ABZB18S2011 8R5L	11/03/2021	BCC	Current
China Railway Shanhaiguan Bridge Group Co., Ltd Environmental Management System	ABZB18E3027 4R5L	06/09/2021	BCC	Current

Annexure 2 Supporting Documentation

Title	Issuing Authority	Author	Report Number	Status
EW2 Engineering Waiver Approval	RailCorp	Jeff Stead	EWT 08/176	Issued 01/07/2008
Turnout Introduction presentation	China Railway Shanhaiguan Bridge Group Co., Ltd	China Railway Shanhaiguan Bridge Group Co., Ltd	NA	Current
Product Approval Certificate	RailCorp	Malcolm Kerr	T021	Issued 9/04/2009