

Product Type Approval Certificate

Full

This certificate is issued to:

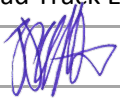
Supplier name and address:	Holcim (Australia) Pty Ltd T/A Humes Concrete Products 36-38 Felspar Street, Welshpool, Australia, 6106
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In respect of:

Manufacturer:	Holcim (Australia) Pty Ltd
Place of manufacture:	Humes Ipswich Manufacturing Facility, Swanbank, Queensland Humes Blacktown Manufacturing Facility, Rooty Hill, New South Wales Humes Perth Manufacturing Facility, Welshpool, WA Humes Manufacturing Facility, Echuca, Victoria Humes Manufacturing Facility, Tamworth, New South Wales
Product description:	Humes Standard Prestressed Concrete Turnout Bearers up to 7.5m in length, with cast-in shoulders or cast-in synthetic ferrules
Use approved for:	Turnouts and Special Trackwork, TfNSW Heavy Rail Network
Conditions of approval:	<ol style="list-style-type: none"> 1. This approval is for the manufacture and supply of Humes Standard Prestressed Concrete Turnout Bearers, compliant to the statutory specifications outlined in AS1085.14—2012 and SPC 233. 2. All Type Approval Certifications will be subject to review within a period not exceeding 5 years. 3. Prestressed Concrete Turnout Bearers approved for points-operating equipment are subject to operational validation and acceptance by the Signalling discipline. 4. Version 2.0 of TR15/2004 is superseded by this Certificate. 5. The manufacturer must advise ASA of any changes made to the 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 approval.

	6. Test certificates for this product from the Humes Manufacturing Facility, Echuca, Victoria and Humes Manufacturing Facility, Tamworth, New South Wales shall be submitted within 6 months from the date of publication of this type approval certificate.
Limitations:	NA

Evaluating rail transport operator

Name:	John Paff
Position:	Lead Track Engineer
Signature:	
Date:	06-08-19

Product approval pack reference number: qA857305

Annexure 1 Schedule of Certifications

Title	Registration Number	Valid till	Issuing Authority	Status
BSI Certificate of Registration Quality Management System ISO 9001:2008 Certification	FS 604129	6 June 2016	BSI Group ANZ Pty Limited	Expired
BSI Certificate of Registration Quality Management System ISO 9001:2008 Certification	FS 604131	3 April 2018	BSI Group ANZ Pty Limited	Expired
BSI Certificate of Registration Quality Management System ISO 9001:2008 Certification	FS 604129	6 June 2022	BSI Group ANZ Pty Limited	Current

Annexure 2 Supporting Documentation

Title	Issuing Authority	Author	Report Number	Status
Turnout Work Instruction	Humes Concrete Products	Paul R Ditchett QA & Business Process Manager WR	WH5.4.40 1.W.WP	12 April 2017
Manufacturing Quality Plan Precast Turnout Bearers	Humes Concrete Products	Paul Ditchett	PH5.4.90 5.W.WP	20 December 2016
Design Report – S14087 Humes Prestressed Concrete Turnout Bearers Design – TfNSW Specification	BG&E Pty Ltd	L Ambrogi R Ranieri	S14087 Revision D	1 October 2015
Test Certificate Humes Concrete Railway Sleeper subjected to tests outlined in AS 1085.14—2003, Sections 6.4.1 & 6.5.1	The University of Western Australia	Jim Waters School of Civil & Resource Engineering	Test No. 003	22 September 2013