

## Product Type Approval Certificate

This certificate is issued to:

<b>Supplier:</b>	VAE Railway systems Pty Ltd
	33 McLennan St., Mackay, Queensland, Australia

In respect of:

<b>Manufacturer:</b>	<ol style="list-style-type: none"> <li>Beckworth Iron &amp; Steel Pty Ltd</li> <li>G&amp;C Pty Ltd</li> <li>Voestalpine NORTRAK Ltd</li> <li>Voestalpine VAE VKN India Pty Ltd</li> <li>JEZ Sistemas Ferroviarios S.L.</li> </ol>
<b>Place of manufacture:</b>	<ol style="list-style-type: none"> <li>Coburg, Melbourne, Victoria, Australia</li> <li>Uralla, NSW 2358, Australia</li> <li>Richmond V6V 2M4, Canada</li> <li>Delhi 110054, India</li> <li>Llodio 01400, Spain</li> </ol>
<b>Product description:</b>	<b>60kg 1:2.074 Diamond Manganese Crossing</b>
<b>Use approved for:</b>	Approved for manufacture and installation in association with Bondi 907/912 Pts. TfNSW rail infrastructure as considered compliant to ESC 200, ESC 250 and SPC 251.
<b>Product information pack reference</b>	<b>TR16/3006</b>
<b>Conditions of approval:</b>	<ol style="list-style-type: none"> <li>All Type Approval Certifications will be subject to review within a period not exceeding 5 years.</li> <li>The place of manufacture shall hold International Quality System Certification.</li> <li>Should the presence of a previously unidentified defect or condition in service arise, it shall require further collaborative investigation.</li> <li>All cast austenitic manganese crossings shall be manufactured to VAE specification for Cast Austenitic Manganese Steel Rail Components Rev 1.0 - 28/04/2017.</li> <li>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 approval.</li> <li>This type approval superseded the legacy authority of the previous product approval.</li> </ol>
<b>Limitations:</b>	
<b>Notes / Comments:</b>	

## Approval

<b>ASA Lead Engineer:</b>	John Paff, Asset Standards Authority
<b>Position:</b>	Lead Track Engineer
<b>Contact details:</b>	John.paff@transport.nsw.gov.au, 02 9422 7088
<b>Signature:</b>	
<b>Date:</b>	11 <sup>th</sup> May 2017

*[Fill this section only if independent safety assessor is engaged, otherwise mention N/A]*

<b>Independent safety assessor:</b>	N/A
<b>Position:</b>	
<b>Contact details:</b>	
<b>Signature:</b>	
<b>Date:</b>	