

NEW EQUIPMENT & SYSTEM APPROVAL PROFORMA		Ref: 08-08-11-041
1	<b>Originator</b>	
	Name: Dave Prentice	Company: ARTC
2	<b>Introduction</b>	
	Pandrol have released a new version of the Fastclip fastening system, slightly narrower than the previously approved clip. A full testing regime was undertaken at Pandrol (Sydney), witnessed by GHD with a detailed report provided to Pandrol and ARTC (Attachment A). The Fastclip system has passed the requirements of AS1085.19	
3	<b>Determination of Need</b>	
	This alternative Fastclip was designed for function and economy to meet the needs of ARTC's 30TAL heavy duty sleepers. This new fastening system is expected to be used for the majority of the upcoming concrete re-sleeper projects.	
4	<b>Significant Change or Not</b>	
	This change in equipment or system is assessed as MINOR	
5	<b>Review Panel</b>	
	<ul style="list-style-type: none"> <li>• John Cowie - Manager Standards &amp; Systems</li> <li>• Tim Calver - Standards &amp; Technical Services Engineer</li> <li>• Wayne Potter - Geotechnical and Environmental Standards Engineer</li> </ul>	
6	<b>Performance and Suitability</b>	
	The Pandrol Fastclip FC1509 Fastening System meets the requirements of AS1085.14 and AS1085.19. It also complies with the relevant criteria in ARTC Standard ETD-02-04 issue A.0 clauses 5.3 and 8. For full details, refer to Attachment A (GHD report).	
6.1	<b>Use in other rail networks</b>	
	New product - not applicable.	
6.2	<b>Use in the ARTC network</b>	
	New product - not applicable.	
6.3	<b>Issues arising from usage of the equipment/system</b>	
	No foreseeable issues.	
6.4	<b>Changes required to infrastructure or systems for use of the equipment</b>	
7	<b>Approval</b>	
	The Pandrol Fastclip FC1509 Fastening System is approved for use on the ARTC Network for AS53kg and AS60kg rail.	
8	<b>Conditions of Approval</b>	
	<i>No conditions</i>	
9	<b>Does the Originator accept the Conditions of Approval:</b>	
	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

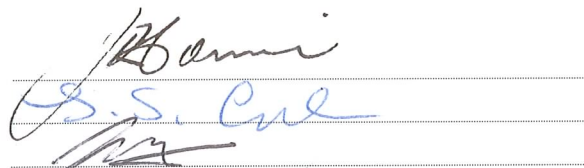
10 **Sign off**

**Review Panel:**

John Cowie

Tim Calver

Wayne Potter



Date: 4/10/06

Date: 28/9/06

Date: 28/9/06