



**Road Rail Vehicles**

**Warning**

You cannot undertake this activity in the rail corridor unless you have completed a pre work brief and work site protection plan.

Reference should also be made to the [Protocol for Entering the ARTC Rail Corridor](#) and the [Business Rules for Working in the ARTC Rail Corridor](#)

Minimum Personal Protective Equipment (PPE) must also be met in line with the [Personal Protective Equipment \(PPE\) Work Instruction](#).

<b>Work Activity:</b>	<b>Road / Rail Vehicles</b>			<b>WMS No:</b> WHS-WI-200
<b>Coverage:</b>	ARTC employees, and contractors directly managed by ARTC			<b>Version No:</b> 1.0
<b>Developed by:</b>	Corporate Work Health and Safety Manager	<b>Approved by:</b>	Executive General Manager Enterprise Services	<b>Date Approved:</b> 9 May 2016

<i>What are the tasks involved?</i>	<i>What are the hazards and risks?</i>	<i>What are the control measures?</i>	<i>Related Documents</i>
Prestart Inspection (before on tracking)	Other vehicles / traffic  Vehicle run away  Vehicle unsafe	Park the vehicle on a reasonably level surface away from other traffic.  Manually apply the park brake.  Complete a pre start inspection of the vehicle and rail guidance system.  Check emergency rail safety equipment is available (see network rules)  Check the vehicle is registered for 'on rail' operations  Ensure the loaded weight of the vehicle does not exceed its GVM	<a href="#">General Plant Requirements</a>  <a href="#">Road Rail Vehicle Pre-Start Inspection Reference Guide</a>  <a href="#">Pre-Start Inspection Report – Rail Guidance System</a>
Determine the location for On-Railing	On-Railing location unsafe  Pre-Work Brief and Worksite Protection Plan not completed, or not sufficient for the task.	Choose a suitable location for on-railing. (straight track, with minimal incline and level with surrounding surfaces)  Complete a pre-work brief and worksite protection plan (obtain protection for adjacent line also if required for while on-railing)  Obtain a 'track authority' from Network Control	Network Rules



<i>What are the tasks involved?</i>	<i>What are the hazards and risks?</i>	<i>What are the control measures?</i>	<i>Related Documents</i>
<p>On-Railing (Place vehicle on to rail)</p>	<p>Other road traffic  Unsafe on-railing  Unexpected vehicle movement</p>	<p>Turn on the vehicle amber beacon, driving and hazard lights.</p> <p>Use appropriate road traffic control measures to prevent, divert or slow traffic movement around or within the on-railing site</p> <p>Centre the vehicle over the rail tracks and apply the rail guidance system to the track according to manufacturer instructions</p> <p>Ensure one braked axle of the vehicle remains in contact with the rail or the ground until the vehicle is ready for immediate departure.</p> <p>Always apply the handbrake if leaving the vehicle for any reason.</p>	<p>Operating Manuals and/or Safe Use Instructions (as provided by manufacturer / supplier)</p>
<p>Travel on Rail</p>	<p>Other rail traffic  Unexpected movements  Unsafe driving</p>	<p>Keep the vehicle's amber beacon and head lights on.</p> <p>Wear seat belts, where provided.</p> <p>Comply with relevant network rules and any track authority (including speed limits, and for level crossing and convoy working)</p> <p>Drive to the conditions.</p> <p>Reduce speed by at least 25% of the maximum allowable speed limit if:</p> <ul style="list-style-type: none"> <li>- negotiating and approaching tight track curvatures,</li> <li>- visibility is poor and/or</li> <li>- during wet weather</li> </ul>	<p>Network Rules</p>



<i>What are the tasks involved?</i>	<i>What are the hazards and risks?</i>	<i>What are the control measures?</i>	<i>Related Documents</i>
<p>In the event of breakdown</p>	<p>Other rail traffic</p> <p>If travelling in convoy, other road rail vehicles</p>	<p>Advise Network Control, and any vehicles travelling in convoy.</p> <p>Immediately remove vehicle from track, where safe to do so.</p> <p>Or</p> <ul style="list-style-type: none"> <li>- manually apply the park brake</li> <li>- confirm track protection, as required</li> <li>- consider options for vehicle recovery</li> </ul>	
<p>Off-Railing (Remove vehicle from rail)</p>	<p>Off-Railing location unsafe</p> <p>Other vehicles / traffic</p>	<p>Choose a suitable location for off-railing. (straight track, with minimal incline and level with surrounding surfaces)</p> <p>Install and maintain appropriate road traffic control measures (prevent, divert or slow traffic movement around or within the site)</p> <p>Ensure one braked axle of the vehicle remains in contact with the rail or the ground until the vehicle is ready for immediate departure.</p> <p>Remove rail guidance system from the track, and visually check that the rail guidance system has retracted and is secure.</p> <p>Remove the vehicle from the track.</p> <p>Advise Network Control once the vehicle has left the danger zone.</p>	



References	
<p><b>Standards, Codes of Practice, Guidance:</b></p> <p><a href="#">Commonwealth Work Health and Safety Regulation</a> (Regulation 213, 214, 215)</p> <p>NSW Network Rules (some specific rules)</p> <ul style="list-style-type: none"> <li>- ANPR 748 Transferring Track Vehicles</li> <li>- ANPR 316 Track Vehicles</li> </ul> <p>VIC Network Rules, except Northern Victoria (some specific rules)</p> <ul style="list-style-type: none"> <li>- Section 30 Operating Procedures – Infrastructure Works, sections 2 and 3</li> </ul> <p>SA, Western VIC and WA Network Rules (some specific rules)</p> <ul style="list-style-type: none"> <li>- Code of Practice for the Defined Interstate Network, Volume 3, Part 1: Rules, Section 6</li> </ul> <p>ARTC Procedures</p> <ul style="list-style-type: none"> <li>- <a href="#">General Plant Requirements</a></li> <li>- <a href="#">Track Maintenance Vehicle Registration and Operation</a></li> <li>- <a href="#">Maintenance Policy Rail Guidance Systems</a></li> <li>- <a href="#">Pre Start Inspection Report Rail Guidance System</a></li> <li>- <a href="#">Road Rail Vehicle Pre Start Inspection Reference Guide</a></li> <li>- <a href="#">Route Access Standard: General Information – Section 11</a></li> </ul>	<p><b>Plant / Equipment / Tools:</b></p> <p>Road / Rail Vehicle</p> <p>Suitable equipment as required to work in line with network rules or procedures. (for example, flags and railway track signals or detonators)</p>
<p><b>Training Requirements:</b></p> <p>Check that a worker is competent in operating road / rail vehicles.</p> <p>Check for current driver licenses, and consider additional training for workers required to drive on access tracks and possibly off road.</p>	<p><b>Inspection / Testing requirements:</b></p>