

## PBS EXP 2 – 4-axle truck 3-axle dog

Approval under section 9(1)(b)(i) of the Heavy Vehicle (General) National Regulation – Non compliance

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The type of heavy vehicle:	4-axle truck 3-axle dog (Level 2)
The standard/s under the Standards and Vehicle Assessment Rules that a vehicle built to the design may not comply with:	<p>Frontal Swing (C8a)</p> <p>Standard: 700mm</p> <p>This vehicle design: 900 mm (exceedance of 200mm)</p>
Reasons why the non-compliance will not pose any additional risk to safety or infrastructure if the particular conditions are imposed and complied with.	<p>The Regulator has undertaken a general risk assessment with regards to Frontal Swing (C8) exceedance and has determined criteria under which Frontal Swing exceedance does not pose increased risk.</p> <p>Using this criteria the Regulator considers that while a heavy vehicle built to the design does not comply with Frontal Swing (C8) under the Standards and Vehicle Assessment Rules, it will not pose any greater risk than a heavy vehicle that complies with the standard for the following reasons:</p> <ul style="list-style-type: none"> <li>• The vehicle will considerably exceed the requirements of Low-Speed Swept Path (C7) in a way that offsets the failure to comply with Frontal Swing (C8).</li> <li>• It is also noted that while this vehicle does not comply with Frontal Swing (C8) by 200mm it will operate 1500mm within level 2 Low-Speed Swept Path (C7). This vehicle required less road space than other vehicles that would comply and could operate under the scheme.</li> <li>• It was also noted that the non-conformance is forward of the driver in the driver's clear line of sight making the non-conformance easy to manage; consistent with ergonomics of positioning of gauges and controls and management of risk.</li> <li>• Further, the addition of the bull bar the cause of the noncompliance is appropriate for the vehicles intended area of operation providing greater protection to the driver and vehicle's steering mechanism in case of animal strike.</li> </ul>