

PBS EXP 20 - 3-axle pm quad semi

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:	3-axle pm quad semi (Level 2)
The standard/s under the Standards and Vehicle Assessment Rules that a vehicle built to the design may not comply with:	Tail Swing (C9) Standard: 350mm This vehicle design: 360 mm (exceedance of 10mm)
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 undertook a risk assessment before determining its support for the design. The Regulator concluded that although a heavy vehicle built to the design would not comply with Tail Swing (C9) under the Standards and Vehicle Assessment Rules, it would not pose any greater risk than a heavy vehicle that did comply with the standard for the following reasons:</p> <ul style="list-style-type: none">• It exceeds the requirements of Low-Speed Swept Path (C7) in a way that offsets the failure to comply with Tail Swing (C9). (Standard: 8.7m; This vehicle: 6.6m)• It exceeds the requirements of Frontal Swing (C8a) in a way that offsets the failure to comply with Tail Swing (C9). (Standard: 8.5m; This vehicle: 0.44m)• Because of its 2100mm margin for Low Speed Swept Path (C7) and 410mm margin for Frontal Swing (C8a), it will operate comfortably within Level 2, despite its minor non-compliance with C8b and will require less road space than other vehicles that comply with Level 2 standards.