

TRANSPORT INFRASTRUCTURE PRODUCT EVALUATION SCHEME (TIPES)

REGISTER OF APPROVED PRODUCTS

Product Name	Category of Product	Sub-category	Statement of Claim	Company	Certificate		
					Type	Number	Date of Issue
TriSign (Version 3.0)	Traffic Control Device		TriSign (Version 3.0) is a fit-for-purpose remotely operated Traffic Control Device (TCD) which was primarily designed and developed to be used at locations / in situations where a traditional, manually updated, Multi-Message Frame (MMF) would typically be adopted as the default solution. Operational Guidance documents and local road agency controls and conditions apply to usage.	Systemised-byDesign	Full	22TCD001	22 November 2022
Polyroad PR21L	Non-traditional aggregate/soil stabilising agents	Non-traditional stabiliser	Polyroad PR21L stabilised pavements are designed to resist the ingress of water which is the major cause of pavement failure. Polyroad PR21L stabilisation achieves this outcome by a process of 'internal waterproofing' of fine grained particles by way of incorporating an insoluble dry powdered polymer.	Global Factory Maintenance	Full	22/0001	09 April 2022
Portaboom	Traffic control device		Portaboom is a movable and readily transportable traffic management device designed to replace current traffic controller operated hand held STOP/SLOW bats. The device has been specifically designed with the objective of removing Traffic Controllers from live traffic lanes, allowing them to operate the device/s remotely, from a safe zone or position. The device has been used extensively on roads in Australia since the original submission for TIPES certification in 2016. Dedicated Standard Operating Procedures (SOPs), Traffic Control Plans (TCPs), and local road agency conditions of usage exist for the device.	Traffic and Access Solution Pty Ltd	Full	16/0002 (original)	16 July 2016 (original) 16 July 2019 (1st renewal) 16 July 2022

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Gibney Barrier (Australian version)	Traffic control device		The Gibney Barrier (Australian version) is a fit-for-purpose, manually-operated Traffic Control Device (TCD) which was primarily designed and developed to be used at locations / in situations where a traditional STOP/GO - STOP/SLOW bat would typically be adopted as the default solution. Operational Guidance documents and local road agency controls and conditions apply to usage	Fulton Hogan Pty Ltd	Full	21TCD01	Original 26 February 2021, Revised 26 August 2022
RHINOPHALT®	Asphalt surface treatment	Pavement asphalt preservative	RHINOPHALT® is a penetrative asphalt preservative (PAP) constructed using a proprietary binder overlaid with a fine-graded grit, and is applied onto an existing ageing asphalt to extend the life of the surfacing layer. RHINOPHALT® aims to decrease the permeability and increase the durability of an existing Dense Grade Asphalt surfacing layer, while not adversely affecting its skid resistance.	Asi solutions	Full	21/014583	August 2021
Guardian Smartflagger	Traffic Management Device		Guardian Smartflagger is a movable and readily transportable traffic management device designed to replace current traffic controller-operated handheld STOP/SLOW bats. The device has been specifically designed with the objective of removing controllers from live traffic lanes, allowing them to operate the device(s) remotely from a safe zone or position. The device has been used extensively on roads in Canada and the US, and an Australia-ready version has been developed to cater for driving on the left-hand side of the centerline. Since the original submission for TIPES certification in 2021, the device has been trialed on low-volume rural roads in Australia and assessed for usage on higher-volume rural and metro roads based on extensive data provided by the Proponent. Further consideration of device stability and wind loading has also been undertaken. Dedicated Standard Operating Procedures (SOPs) and Traffic Control Plans (TCPs) exist for the device, and its usage may also be subject to local road agency conditions and requirements.	Site20/20	Full	24TMD/01	13 December 2024



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POLYPAVE	Pavement Stabilisation		POLYPAVE is a proprietary (trademarked), non-toxic product which has been specifically formulated for the improvement of road pavements. When mixed in specific (designed) quantities with a General Purpose (GP) cement binder, POLYPAVE forms a stringed polymer which reduces moisture penetration into and through the stabilised layers.	POLYPAVE International Pty Ltd	Interim	I24/001	5 February 2024 (Interim status expires 4 February 2025)

