

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	Extension	21/014583 EXT	February 2025
Guardian Smartflagger	Traffic Control Device		Guardian Smartflagger 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 Canada and US and an Australia-ready version (to cater for driving on the left-hand side of the centreline) has been trialled on rural roads in Australia since the original submission for TIPES certification in 2021. Dedicated Standard Operating Procedures (SOPs), Traffic Control Plans (TCPs) exist for the device. Usage may also be subject to local road agency conditions.	Site20/20	Interim	23TCD-I-01	14 December 2023 (Interim status expires on 13 March 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)
POLYCHOR OMEGA	Pavement Stabiliser and Dust Suppressant		POLYCHLOR OMEGA is a proprietary (trademarked) stabiliser and dust suppressant composed of a water-based adhesive formulated for soil applications. When mixed in specific (designed) quantities with certain soils or gravels, POLYCHLOR OMEGA is intended to: increase the bearing strength of unsealed pavements and shoulders; reduce the moisture sensitivity and erosion potential of unsealed pavements and shoulders; and reduce dust generation when applied to the surface of pavements and shoulders.	Five Elements International Pty Ltd	Interim	I24/002	2 July 2024 (Interim status expires 1 July 2025)

