
		Inspection and Test Plan - Retroreflective Pavement Markers		Doc ID: R142-RPM-ITP	
Client: Iluka Resources Limited			Prepared By: Simon Welsh		
Project: Public Roads Upgrade			Reviewed By: Joshua Kliemnt		Date: 11/11//2024
Construction Process: Install Retroreflective Pavement Markers			Approved By: Simon Jaworksi		Date: 11/11//2024
Specifications: ETS100, 101, 102					
Structure / Component:					

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Item No.	Task/Activity Description	Inspection/Test					Type	Responsibility	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			TfNSW	Fulton Hogan	PV	other
1	Materials											
2	Obtain and submit conformance records	Per Area	Submission includes: <ul style="list-style-type: none">Recommendations of the raised pavement marker manufacturer on the materials and methods for the install of the RPM'sProduct Data sheet and recommendation of adhesive use and handlingMethod of protection of RPM's whilst adhesive is hardeningMaterial certification are ≤ 36 months oldRaised Pavement Markers conforms to AS1906.3 and have dimensions shown on Annex EMade by the prequalified manufacture/s Annex FAdhesive must comply with RTA 3354.Submitted at least 7 days prior to proposed use	R142/D		Materials Compliance Certificate		Site Engineer				
3	Set out the works	Per Lot	The location of all raised pavement markers are as per Drawings, or directed by RMS and is within:: <ul style="list-style-type: none">Longitudinal (±100mm)Transverse (±25mm within 1.5m)Direction (4° rotational)	R142.3		Verification Checklist		Site Foreman				
4	Installation											
5	Commencement with application of Retroreflective Pavement Markers	Per Lot	For new Installations, set out the work to ensure all rpm's are placed in accordance with the nominated Plan and Drawings and to the	R142.3.1		Hold Point	HP	Graduate Engineer				

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			tolerances required by the Specification									
6	Fix Retroreflective Pavement Markers	Per Lot	<ul style="list-style-type: none">RPM's are fixed with an adhesive to the surface of the pavement in accordance to the manufacturers recommendations.Fixed at locations marked on the setout	R142.3.3		Verification Checklist		Site Engineer				
7	Remove/replace non-functional/temporary markers	Per Area	<ul style="list-style-type: none">Remove non functional markers only if the markers:<ul style="list-style-type: none">has a cracked body or lens, and by eye the night time headlight visibility appears unaffected, must not be replaced; orhas sunken into the pavement to make the removal difficult and give rise to excessive work in the repair of pavement.	R142.5.3 R141.6		Verification Checklist		Site Engineer				


Final Inspection
The signature below verifies that this ITP has been completed in accordance with the Fulton Hogan's Quality system Procedures and verifies lot compliance with specifications.

Print Name:	Position:	Signature:	Date:	/	/
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Legend:

HP	Hold Point	Work shall not proceed past the HP until released by the Project Verifier	IP	Inspection point	Formal Inspection to be done and recorded
HP*	Fulton Hogan Hold Point	Work shall not proceed past the HP* until released by Fulton Hogan	TP	Test Point	Product compliance test to be undertaken and recorded/reported
WP	Witness Point	An inspection which must be witnessed by the Project Verifier	SCP	Survey conformance point	A qualified surveyor to check product/section/structure and report
AP	Approval Point	Written or verbal approval given by the Project Verifier			
AP*	Fulton Hogan Approval Point	Written or verbal approval given by Fulton Hogan's nominated personnel			

Notes

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