Fulton Hogan	Inspection and Test Plan - Control and Supervision of the Works	**Doc ID:** FH-DP1-PM-ITP005 **Rev:** 00

Client: Melbourne Airport (APAM)	**Contract No:** CP1002	**Prepared By:** Angela Julianto	
Project: MAPMP 2.0 – DP1	**Reviewed By:** Giuliano Follachio	**Date:** 15/8/23	
Construction Process: Crack Sealing	**Approved By:** Jordan Nicolaou	**Date:** 15/8/23	
Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023			
Structure / Component: Crack Sealing in Bituminous Pavements			

Lot No:	Lot Details:	Lot size/Quantity:	Date:

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility	Checked by:		
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			AECOM	Fulton Hogan	Date
1.0	**Preliminary Activities – Permits, Documentation, Approvals, Survey Documentation**										
1.1	Check for correct documentation	Prior to commencing any activity	Current revision drawing is being used including the Subcontractor's copy. Current revision to be obtained via Aconex.	Drawings and drawing registers on Aconex	Visual inspection	This ITP signed	**HP***	Project Engineer			
1.2	Implementation of all measures and controls	Prior to commencing any activity	All necessary measures and controls are being implemented, that is: PSP, EMP, TMP, SWMS & WP	PSP, EMP, TMP, SWMS, WP	Visual Inspection	This ITP signed	**HP***	Project Engineer			
1.3	Definition of the work area	Prior to commencing any activity	Work area has been cleared and surveyed (marked on site). Limits of work clearly defined.	Drawings	Visual Inspection	This ITP signed	**HP***	Project Engineer			
1.4	Material Sources – Conformance Test Certificates/Reports	At least 2 weeks prior to application on site	Details of proposed Rubberised Bituminous Bandage (RBB) sealant product including manufacturer's data sheet and recommendations for application to be submitted for approval.	Cl 15.3	Verify	Aconex Correspondence	**HP**	Project Engineer Principal's Representative			
2.0	**Materials**										
2.1	Rubberised Bituminous Sealant	Prior to commencing any activity	RBB must be a proprietary polymer modified bitumen (PMB) crack and joint bandage product and be suitable for climate conditions of the site. RBB to have following properties:	Cl 15.3	Verify	Manufacturer Datasheet	**HP**	Project Engineer Principal's Representative			

Client: Melbourne Airport (APAM)	**Contract No:** CP1002	**Prepared By:** Angela Julianto	
Project: MAPMP 2.0 – DP1	**Reviewed By:**	**Date:**	
Construction Process: Crack Sealing	**Approved By:**	**Date:**	
Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023			
Structure / Component: Crack Sealing in Bituminous Pavements			

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility	Checked by:		
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			AECOM	Fulton Hogan	Date
			- Minimum softening point to be 95°C - Penetration at 25°C between 20 and 50 - Flow at 60°C at 5 hours to be maximum 5mm - Viscosity at 180°C to be maximum 3Pa.s								
3.0	**Preparation**										
3.1	Preparation of cracks	Prior to commencing works	Cracks, joints and all other locations to be sealed must be sufficiently cleaned and dried out prior to sealing. All wide (greater than 8mm) and/or deep cracks in all types of pavement must be choked with dry sand to not less than 10mm below the surface of the pavement.	Cl 15.4.1	Visual Inspection	This ITP signed	**IP**	Site Engineer			
4.0	**Sealing**										
4.1	Trial Application	Prior to continuing with crack sealing works	A 50m length of RBB to be applied at location agreed with Principal's Design Consultant for inspection and approval.	Cl 15.4.2.2	Verify	Aconex Correspondence	**HP**	Project Engineer Principal's Representative			
4.2	Applying Sealant	During crack sealing works	Sealant bandage must be within 50 to 75mm wide with the thickness not exceeding 1.5mm unless otherwise noted on drawings.	Cl 15.4.2.3 Cl 15.4.2.4 Cl 15.4.2.5	Visual Inspection	This ITP signed	**IP**	Site Engineer			

Client: Melbourne Airport (APAM)	**Contract No:** CP1002	**Prepared By:** Angela Julianto
Project: MAPMP 2.0 – DP1	**Reviewed By:**	**Date:**
Construction Process: Crack Sealing	**Approved By:**	**Date:**
Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023		
Structure / Component: Crack Sealing in Bituminous Pavements		

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility	Checked by:		
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			AECOM	Fulton Hogan	Date
4.3	Protection of Applied Sealant	During crack sealing works	Installed sealant must be protected from damage by traffic (and possible pick up on construction vehicles and aircraft tyres) until it has cooled to ambient temperature.	Cl 15.4.2.1	Visual Inspection	This ITP signed	**IP**	Site Engineer			
4.4	Cleaning up	After sealing works	Any sealant split on surface of pavements must be cleaned off immediately.	Cl 15.5	Visual Inspection	This ITP signed	**IP**	Site Engineer			
5.0	**Post Construction**										
5.1	Conformance	At completion of each work	Each lot package must include the following: - Equipment used - Product used including the batch number - Date and start and finish times - Weather conditions including range of air temperature - Hourly sealant temperature	Cl 15.6	Verify	This ITP signed	**IP**	Site Engineer			

Fulton Hogan	Inspection and Test Plan - Control and Supervision of the Works	**Doc ID:** FH-DP1-PM-ITP005 **Rev:** 00

Client: Melbourne Airport (APAM)	**Contract No:** CP1002	**Prepared By:** Angela Julianto	
Project: MAPMP 2.0 – DP1		**Reviewed By:**	**Date:**
Construction Process: Crack Sealing		**Approved By:**	**Date:**
Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023			
Structure / Component: Crack Sealing in Bituminous Pavements			

Final Inspection

On behalf of Fulton Hogan it is hereby certified that the Works represented by the items of work listed have been tested in accordance with the Project Quality Plan and conform in all respects with the requirements of the Contract.

Print Name: **Position:** **Signature:** **Date:** / /

Legend:

HP	Hold Point	Work shall not proceed past the HP until released by the Superintendent	**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 Superintendent	**SCP**	Survey conformance point	A qualified surveyor to check product/section/structure and report
AP	Approval Point	Written or verbal approval given by the Superintendent			