

Client: Melbourne Airport (APAM)	Contract No: CP1002	Prepared By: Angela Julianto
Project: MAPMP 2.0 – DP1	Reviewed By: Giuliano Follacchio	Date: 9/8/23
Construction Process: Grooving	Approved By: Jordan Nicolaou	Date: 9/8/23
Specifications: Technical Specification – MAPMP 2.0 – DP1 No. 60692389-PS-01-AV-0001 Revision 1 – 27 March 2023		
Structure / Component: Pavement Grooving		

Lot No:	Lot Details:	Lot size/Quantity:	Date:
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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	Grooving Machine	Prior to commencing any activity	Details of proposed grooving machines to be submitted to Contract Administrator for approval.	CI 20.3	Verify	Aconex Correspondence	HP	Project Engineer Principal’s Representative			
2.0	Grooving										
2.1	Pavement Conditions	During grooving works	Pavement to be thoroughly inspected and in an acceptable and suitable condition for grooving prior to works commencing.	CI 20.2	Visual Inspection	This ITP signed	IP	Site Engineer			

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2.2	Grooving Pattern – Trapezoidal	During grooving works	Trapezoidal grooves must be: <ul style="list-style-type: none"> - Nominally 6mm deep by 6mm wide at the bottom and 12mm wide at the top and spaced evenly at 57mm centre to centre - Transverse and continuous - At true 90 degree angle to runway and taxiway centrelines unless indicated otherwise Around in-pavement light fittings, grooving must cease maximum 450mm from centreline of light in all directions.	CI 20.4.1.1	Inspection	This ITP signed	IP	Site Engineer			
2.3	Tolerances – Trapezoidal	During grooving works	Grooving works must be as per the following allowable tolerances: <ul style="list-style-type: none"> - Spacing to be evenly spaced, no less than 54mm and no more than 60mm centre to centre - Width: <ul style="list-style-type: none"> - At surface - must not be less than 11.5mm and not more than 15mm - At bottom - must not be less than 4.5mm and not more than 8mm - Depth must not be less than 4.5mm and no more than 8mm 	CI 20.4.1.3	Inspection	This ITP signed	IP	Site Engineer			
2.4	Grooving New Pavement Surface	During grooving works	Contract Administrator to witness measurement of groove dimensions	CI 20.4.1	Inspection	This ITP signed	WP	Site Engineer Principal's Representative			
3.0	Slurry Removal										

		Inspection and Test Plan - Control and Supervision of the Works		Doc ID: FH-DP1-PM-ITP007 Rev: 00
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3.1	Removal of Slurry	Progressively during works and after	Grooving machine must flush the grooves of all slurry during grooving process. Any residual slurry must be removed using high-pressure water in combination with hand or mechanical sweeping. Slurry must not be allowed to harden in the groove.	CI 20.4.2	Visual Inspection	This ITP signed	IP	Site Engineer			
3.2	Notification of Completion of Cleaning	At each of each work period	Contract Administrator is notified of completion of cleaning of pavement surface	CI 20.4.2	Visual Inspection	This ITP signed	WP	Site Engineer Principal's Representative			

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			