

Client: Melbourne Airport (APAM)

Contract No: CP1002

Prepared By: Mukaram Mohammad

Project: MAPMP 2.0 – DP1

Reviewed By: Michael Natalizio

Date: 27/09/2023

Construction Process: Surface Treatment

Approved By: Jordan Nicolaou

Date: 27/09/2023

Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023

Structure / Component:

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 limits of works defined on site.	Drawings	Visual Inspection	This ITP signed	HP*	Project Engineer				
1.4	Material Sources – Conformance Test Certificates/Reports	Prior to commencing any activity	Details of the constituent materials used in the Polymer Modified Emulsion (PME) seal coat along with material test certificates (binder and fine aggregate) to be submitted to Contract Administrator at least 2 weeks before commencing any work.	CI 16.3	Verify	Aconex Submission	HP	Project Engineer				

Client: Melbourne Airport (APAM)

Contract No: CP1002

Prepared By: Mukaram Mohammad

Project: MAPMP 2.0 – DP1

Reviewed By: Michael Natalizio

Date: 27/09/2023

Construction Process: Surface Treatment

Approved By: Jordan Nicolaou

Date: 27/09/2023

Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023

Structure / Component:

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
2.0	Materials										
2.1	PME Seal Coat	Prior to commencing any activity	Jet Black, a proprietary PME seal coat surface treatment will be used. The product is to be used without any water or other substance being added to dilute the product without written approval by Contract Administrator	CI 16.3	Verify	This ITP signed	HP*	Site Engineer			
3.0	Preparation										
3.1	Surface Preparation	Prior to commencing any works	Existing and new surfaces must be thoroughly swept clean and dry prior to application. All loose material, lichen, weed growth, dust and silt must be removed.	CI 16.3.1	Visual Inspection	This ITP signed	HP*	Site Engineer			
3.2	Masking	Prior to commencing any works	All fixtures and features within the extent of works are to be masked or protected by some means to prevent any contamination or discolouration. Any affected line marking will be reinstated at end of each shift, unless approved otherwise.	CI 16.3.2	Visual Inspection	This ITP signed	HP*	Site Engineer			
3.3	Surface Preparation Approval	Prior to commencing any works	Contract Administrator / Principal's Design Consultant to inspect surface preparation prior to commencing.	CI 16.3.1	Verify	Aconex Correspondence / This ITP Signed	HP	Site Engineer Contract Administrator / Principal's Design Consultant			
3.4	Surface Texture & Friction Testing	Two Random test points (Pre & Post application)	Two random test points (Pre and Post application) will be undertaken for surface texture and Friction Testing.	CI 16.3.1	Verify	Results for info only	TP	Site Engineer			

Client: Melbourne Airport (APAM)

Contract No: CP1002

Prepared By: Mukaram Mohammad

Project: MAPMP 2.0 – DP1

Reviewed By: Michael Natalizio

Date: 27/09/2023

Construction Process: Surface Treatment

Approved By: Jordan Nicolaou

Date: 27/09/2023

Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023

Structure / Component:

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
			Friction testing will be undertaken with British Pendulum swing test (AS 3661:1993) and Surface texture depth by Sand Patch Testing. Results for both will be provided for information purposes only.								
4.0	Application										
4.1	Applying Surface Treatment	During surface treatment works	PME seal coat to be applied by spraying using a purpose-built sprayer that incorporates a horizontally mounted paddle stirrer. Manual spreading using paint rollers may be used for minor touch ups as required. Blast Pavements areas to be hand sprayed, to avoid damaging the pavement with heavy construction plant. Application rates will be included in daily record sheets.	CI 16.3.3	Visual Inspection	This ITP signed	HP*	Site Engineer			
4.2	Rate of Application	During surface treatment works	Application rate must be minimum of 1.0 litre/m ² , unless otherwise noted on drawings. Where existing surfaces are very coarse a further application of 0.5 litres/m ² to be applied. Contractor to make allowance for average application rate of 1.25 litres/m ² . Where application rate is above 1.25 litre/m ² , the PME must be applied in two even coats of a minimum 0.5 litres/m ² . Application rates will be included in daily record sheets.	CI 16.3.3	Verify	This ITP signed	HP*	Site Engineer			

Client: Melbourne Airport (APAM)

Contract No: CP1002

Prepared By: Mukaram Mohammad

Project: MAPMP 2.0 – DP1

Reviewed By: Michael Natalizio

Date: 27/09/2023

Construction Process: Surface Treatment

Approved By: Jordan Nicolaou

Date: 27/09/2023

Specifications: Technical Specification – MAPMP 2.0 – DP1 | No. 60692389-PS-01-AV-0001 | Revision 1 – 27 March 2023

Structure / Component:

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	Trial Application	Initial application	Trial sections will be undertaken to agree on application rates for each surface type. Trial sections will take place in areas that are part of the main works.	CI 16.3.3	Verify	Aconex Correspondence / This ITP signed	HP	Site Engineer Principal's Representative			
4.4	Ambient Conditions	During surface treatment works	Surface treatment to be applied at minimum temperature of 15°C and rising. It is the contractor's responsibility to decide when to stop the application allowing sufficient time (depending on weather conditions) for the material to cure.	CI 16.3.3	Inspection	This ITP signed	HP*	Site Engineer			

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			