

Client: APAM (Melbourne Airport)	Contract No: CP14038	Prepared By: Abdul Saad
Project: Taxiway Zulu 2.0	Reviewed By: Angela Julianto	Date: 18/07/2024
Construction Process: Linemarking	Approved By: Angela Julianto	Date: 18/07/2024
Specifications: ZULU-BECA-001-SPC-00002 – Revision C04 (11 June 2024)		
Structure / Component: Airfield Pavement Markings		

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			Principal's Representative	Fulton Hogan	Date
1.0	Preliminary Activities										
1.1	Check for correct documentation	Prior to commencing works	Current revision of drawings, technical specifications, permits as required for excavation and any other construction documentation is being utilised by Fulton Hogan and subcontractors. Current revisions of these documents to be obtained via Aconex.	Current revisions in Aconex	Visual inspection	This ITP Signed	IP	Project / Site Engineer			
1.2	Linemarking Plan Approval	Prior to commencing works	A linemarking plan showing which lines are to be removed and which lines are to be applied needs to be approved by the Contract Administrator prior to commencement.	FH Internal	Aconex Correspondence	This ITP Signed	HP*	Project / Site Engineer			
1.3	Implementation of all measures and controls	Prior to commencing works	All necessary measures and controls are being implemented, that is: PSP, EMP, TMP, SWMS & WMS.	PSP, EMP, TMP, WMS, SWMS	Visual Inspection	This ITP Signed	IP	Project / Site Engineer			
1.3	Plant and Equipment	Prior to commencing works	Plant and equipment used in the works are appropriate to achieve specification requirements.	Beca Spec 002 15.3	Verify	This ITP Signed	IP	Project / Site Engineer			
1.4	Materials	Prior to commencing works	The paint to be used shall be a premixed synthetic latex-based paint (such as WATTYL AIRPAVE or approved equivalent).	Beca Spec 002 15.4.1	Aconex Correspondence	This ITP signed	HP	Project Engineer Principal's Representative	FHPL-TRANSMIT-001678		

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1.5	Material Handling	Prior / During works	The paint is to be packaged in 20 litre containers that are of durable construction without sharp edges. Paint containers are to be clearly labelled "Airport Pavement Marking Paint" as well as being labelled with the following: Manufacturer's name, Colour, Batch number and Date.	Beca Spec 002 15.4.2	Visual Inspection	This ITP signed	IP	Project / Site Engineer			
1.6	Survey and setting out	Prior to commencing works	The Contractor shall carry out the setting out of the pavement Markings as shown on the drawings. This shall be approved by the Principal's Representative.	Beca Spec 002 15.7	Verify	This ITP Signed	HP	Project Engineer Principal's Representative			
2.0	Construction										
2.1	Removal of Existing Line Marking	Each Lot	Existing pavement markings, at the locations shown on the Drawings, shall be removed by water blasting or other approved means that is non-destructive to the existing pavement surface.	Beca Spec 002 15.5	Verify	This ITP Signed	HP	Project / Site Engineer Principal's Representative			
2.2	Surface preparation	Each Lot	The surface of the asphalt or concrete pavement in the areas to be painted shall be thoroughly cleaned prior to the application of the pavement marking paint. This shall be approved by the Principal's Representative.	Beca Spec 002 15.6	Visual Inspection	This ITP Signed	HP	Project / Site Engineer Principal's Representative			
2.3	Weather Conditions	Each Lot	Pavement marking shall not proceed during wet weather or when the pavement surface is wet or when rain is likely or during high winds.	Beca Spec 002 15.10	Verify & Visual Inspection	This ITP Signed	IP	Project / Site Engineer			

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2.4	Application	Each Lot	<p>The paint must be applied in two even coats to provide the required minimum total dry film thickness for the two different paints are:</p> <ul style="list-style-type: none"> - Dulux Roadmaster dry film thickness (210µm) - WATTYL Airpave dry film thickness (60µm). <p>The second coat is to be applied no less than three days following the initial coat.</p>	Beca Spec 002 15.8 / Manufacturers Specs	Visual Inspection	This ITP Signed	IP	Project / Site Engineer			
2.5	Application Rate and Conformity of Application	Each Lot	Daily records of paint usage and the area covered shall be maintained by the Contractor.	Beca Spec 002 15.12	Verify	This ITP Signed / Daily Records	IP	Project / Site Engineer			
3.0	Post Construction										
3.1	Records	Each Lot	<p>Finished pavement markings shall conform to the following tolerances:</p> <ul style="list-style-type: none"> - Location of pavement markings ±10mm - Width of any line or line forming an alpha/numeric symbol ±5mm - Length of any line and the spacing of broken lines ±50mm - Dimensions of any alpha/numeric symbol ±10mm 	Beca Spec 002 15.9	Verify	Survey	SCP	Project / Site Engineer			

	Inspection and Test Plan - Control and Supervision of the Works		Doc ID: FH-ZU2-QU-ITP024 Rev: 1
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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.			
<u>FULTON HOGAN SIGN OFF:</u>			
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			

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