Fulton Hogan	Inspection and Test Plan – Control and Supervision of the Works	**Doc ID:** FH-ZU2-QU-ITP022 **Rev:** 0

Principal's: Melbourne Airport (APAM)	**Contract No:** CP14038	**Prepared By:** Abdul Saad
Project: Taxiway Zulu 2.0	**Reviewed By:** Faiyaaz Ahmed	**Date:** 16/09/2024
Construction Process: HaTelit C Placement	**Approved By:** Angela Julianto	**Date:** 16/09/2024
Specifications: ZULU-BECA-001-SPC-00002 - Revision C04 (07 June 2024)		
Structure / Component: HaTelit C		

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			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 or ACC.	Current Revisions in Aconex, ACC	Verify	This ITP signed	**HP***	Project / Site Engineer			
1.2	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, SWMS, WMS	Visual Inspection	This ITP signed	**HP***	Project / Site Engineer Site Supervisor			
1.3	Equipment	Prior to Commencing works	All plant and equipment to be used in the constructed of the works must be deemed acceptable to use by the Principal's Representative.	Huesker HaTelit C Specifications 1.4.1	Site Inspection	This ITP signed	**HP**	Project / Site Engineer Site Supervisor Principal's Representative	BecaCPL-GCOR-001407		
2.0	**Materials**										
2.1	Tack Coat Material Acceptance	Prior to commencing works, not less than 10 days prior to commencement of delivery	Proposed tack coat material and test certificates shall be submitted to the Principal's Representative for review.	Huesker HaTelit C Specifications 1.10.1	Verify	Aconex Correspondence	**HP**	Project / Site Engineer Principal's Representative	BecaCPL-GCOR-000967		

Fulton Hogan	Inspection and Test Plan – Control and Supervision of the Works	**Doc ID:** FH-ZU2-QU-ITP022 **Rev:** 0

Principal's: Melbourne Airport (APAM)	**Contract No:** CP14038	**Prepared By:** Abdul Saad
Project: Taxiway Zulu 2.0	**Reviewed By:** Faiyaaz Ahmed	**Date:** 16/09/2024
Construction Process: HaTelit C Placement	**Approved By:** Angela Julianto	**Date:** 16/09/2024
Specifications: ZULU-BECA-001-SPC-00002 - Revision C04 (07 June 2024)		
Structure / Component: HaTelit C		

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
2.2	HaTelit C Material Acceptance	Prior to commencing works, not less than 20 days prior to scheduled commencement of application	Information on proposed HaTelit C manufacturer and test certificates to be submitted to the Principal's Representative.	Huesker HaTelit C Specifications 1.10.2	Verify	Aconex Correspondence	**HP**	Project / Site Engineer Principal's Representative	BecaCPL-GCOR-001178		
3.0	**Surface Preparation & Tack Coat**										
3.1	Surface Preparation	Prior to Works	All loose and foreign materials must be removed from the surfaces to a distance not less than 150 mm beyond the edge of the area to be tack-coated All treatments within area to be tack coated to be inspected by the Principal's Representative.	Huesker HaTelit C Specifications 1.6.1	Site Inspection	This ITP signed	**HP**	Project / Site Engineer Principal's Representative			
3.2	Spraying of Tack Coat	Each Shift	The tack coat shall be sprayed evenly at the required spray rate of 0.4 - 0.55 L/m^2 to achieve target residual bitumen as per guide. Rate may be adjusted based on site-specific conditions ensuring HaTelit C is bonded to underlying surface.	Huesker HaTelit C Specifications 1.6.2	Visual Inspection	This ITP signed	**IP**	Project / Site Engineer Site Supervisor			
4.0	**Placement**										
4.1	Prior to placing HaTelit	Each Shift	A minimum of 48 hours' notice shall be given to the Principal's Representative prior to the commencement of placing the HaTelit.	Huesker HaTelit C Specifications 1.7.3	Visual Inspection	This ITP signed	**WP**	Project / Site Engineer Principal's Representative			

Fulton Hogan	Inspection and Test Plan – Control and Supervision of the Works	**Doc ID:** FH-ZU2-QU-ITP022 **Rev:** 0

Principal's: Melbourne Airport (APAM)	**Contract No:** CP14038	**Prepared By:** Abdul Saad
Project: Taxiway Zulu 2.0	**Reviewed By:** Faiyaaz Ahmed	**Date:** 16/09/2024
Construction Process: HaTelit C Placement	**Approved By:** Angela Julianto	**Date:** 16/09/2024
Specifications: ZULU-BECA-001-SPC-00002 - Revision C04 (07 June 2024)		
Structure / Component: HaTelit C		

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
4.2	HaTelit installation	Each Shift	HaTelit to be installed to Manufacturers Specification. Where placing multiple rolls, an overlap of 250mm transversely and 150mm longitudinally is required. The overlaps shall be treated with tack coat and rolled to bond to one another. For small areas, manual installation is acceptable provided a fully flat and crease free installation is achieved.	Huesker HaTelit C Specifications 1.7.2	Visual Inspection	This ITP signed	**HP***	Project / Site Engineer Principal's Representative			
4.3	HaTelit Rolling	Each Run	Rolls applied to tack coated surface without wrinkles, creases and folds. HaTelit to be rolled with 2 passes using pneumatic tyred rollers following application.	Huesker HaTelit C Specifications 1.7.3	Verify	This ITP signed	**HP***	Project / Site Engineer Site Supervisor			
4.4	Surface Finish Inspection	Each Shift	Installed HaTelit surface to be inspected and areas recorded where required for flatness and saturation. Surface to be free from any loose or deleterious material.	Huesker HaTelit C Specifications 1.7.3	Visual Inspection	This ITP signed	**WP**	Project / Site Engineer Principal's Representative			
4.5	Spring Balance Adhesion Testing	1 every 50 to 150m^2	Test locations to show adequate bond between HaTelit and tack coated surface.	Huesker HaTelit C Specifications 1.7.4	Test Point	This ITP signed	**WP**	Project / Site Engineer Principal's Representative			
4.6	Asphalt paving over HaTelit	Each Shift	Ensure that the surface of the installed HaTelit and the underlying asphalt layer is dry, clean, undamaged and free from loose material until the completion of paving over the installed HaTelit.	Huesker HaTelit C Specifications 1.7.5	Visual Inspection	This ITP signed	**IP**	Project / Site Engineer Site Supervisor			

Fulton Hogan	Inspection and Test Plan – Control and Supervision of the Works	**Doc ID:** FH-ZU2-QU-ITP022 **Rev:** 0

Principal's: Melbourne Airport (APAM)	**Contract No:** CP14038	**Prepared By:** Abdul Saad
Project: Taxiway Zulu 2.0	**Reviewed By:** Faiyaaz Ahmed	**Date:** 16/09/2024
Construction Process: HaTelit C Placement	**Approved By:** Angela Julianto	**Date:** 16/09/2024
Specifications: ZULU-BECA-001-SPC-00002 - Revision C04 (07 June 2024)		
Structure / Component: HaTelit C		

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
5.0	**Quality Assurance**										
5.1	HaTelit Surface Conformance	Each Lot	The Contractor shall assess the conformance of the surface flatness and saturation of the installed HaTelit surface	Huesker HaTelit C Specifications 1.12.1	Survey Report & Visual Inspection	This ITP signed	**HP**	Project / Site Engineer Principal's Representative			
5.2	Nonconforming HaTelit Lot areas	Each Lot	If required, any sections deemed nonconforming shall be removed and replaced according to Manufacturer's Specifications - FH NCR Procedure to be adopted when lot area is deemed nonconforming.	Huesker HaTelit C Specifications 1.13.1	Visual Inspection	Nonconformance Report	**HP**	Project / Site Engineer Principal's Representative			

Fulton Hogan	**Inspection and Test Plan – Control and Supervision of the Works**	**Doc ID:** FH-ZU2-QU-ITP022 **Rev:** 0

Principal's: Melbourne Airport (APAM)	**Contract No:** CP14038	**Prepared By:** Abdul Saad
Project: Taxiway Zulu 2.0	**Reviewed By:** Faiyaaz Ahmed	**Date:** 16/09/2024
Construction Process: HaTelit C Placement	**Approved By:** Angela Julianto	**Date:** 16/09/2024
Specifications: ZULU-BECA-001-SPC-00002 - Revision C04 (07 June 2024)		
Structure / Component: HaTelit C		

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:** / /

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			

Notes