Fulton Hogan	**Inspection and Test Plan - Control and Supervision of the Works**	**Doc ID:** FH-ZU2-QU-ITP054 **Rev:** 0

Client: APAM (MELBOURNE AIRPORT)	**Contract No:** CP14038	**Prepared By:** Jihad Barbar
Project: Taxiway Zulu 2.0 Project	**Reviewed By:** Jamal Khodr	**Date: 13/01/2025**
Construction Process: ALER 3 Fill Placement	**Approved By:** Marco Poggenberg	**Date: 14/01/2025**
Specifications: IFC Drawing Set-030		
Structure / Component: Earthworks		

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			Principles Representative	Fulton Hogan	Date
1.0	**Preliminary Activities**										
1.1	Check for correct documentation	Prior to works	Ensure that all employees and subcontractors are: • Using the correct and complete set of drawings. • All drawings are the latest revision	Aconex	Verify	This ITP signed	IP	Project/Site Engineer			
1.2	Implementation of all measures and controls	Prior to works	All necessary measures and controls are being implemented, that is: PSP, EMP, TMP, SWMS and WP.	PSP, EMP, TMP, SWMS, WP	Visual inspection	This ITP signed	IP	Project/Site Engineer			
1.3	Survey	Prior to works	Area has been surveyed, highlighting any areas where excavations should not occur (e.g. exclusion zone).	PSP, EMP, TMP, SWMS, WP	Visual inspection	This ITP signed	IP	Project/Site Engineer Surveyor			
1.4	Submission of Capping Layer material	Prior to works	**HOLD POINT** Submission of APAM supplied recycled crushed concrete 20MM Class 4 to VicRoads Section 812 and TN107	FHPL-GCOR-006781	Test Report	This ITP signed Aconex Reference	**HP**	Project/Site Engineer Principles Rep			
1.5	Plant & Equipment	Prior to works	All plant inducted and inspected as per Fulton Hogan's plant safety guidelines	FH Safety Policy	Verify	This ITP Signed	HP*	Project/Site Engineer			
2.0	**Select Fill Works**										

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2.1	Select Fill Placement	Each Lot	Each Lot of fill must: • Not be greater than 300mm in loose layer thickness • Be placed in manner where handling and spreading does not produce gradation of the material • Surface is always self-draining • Where constructing Permanent batters, it shall be overfilled, compacted, and cut back to the dimensions, levels and design grades to ensure the final batters have the required compaction	Drawing 00201 E27-E34	Verify	This ITP signed	IP	Project/Site Engineer Foreman			
2.2	Compaction	Each Lot	**HOLD POINT** • Engineered fill material shall be compacted by tamping rollers and methods approved by the Superintendent. In areas where access by such plant is not possible, it shall be compacted by a Method approved by a qualified geotechnical engineer. • Ensure each fill layer has adequate bonding between layers and is free of laminations and discontinuities	Drawing 00201 Notes E37, E38	Visual Inspection & Verify	This ITP signed	**HP**	Project/Site Engineer Principles Rep			

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3.0	**Testing**										
3.1	Compaction Testing	Each Lot	• Compact by rolling to achieve a Dry Density not less than the following: - Greater than 300mm below formation level to MIN 95% SMDD - Top 300mm below formation level to MIN 98% SMDD (Capping Layer) • The minimum frequency of field density tests shall be in accordance with AS 3798 TABLE 8.1 and not less than the following: - 1 test for each 500m³ volume of compacted fill distributed evenly (minimum 3) • Test Certificates to be provided 14 days after completion of each test to the principals representative	Drawing 00201 Note E33, E40, E43 AS1289 5.8.1	Verify	Test results & This ITP signed	**HP**	Project/Site Engineer Principles Rep Foreman			
3.2	Proof Roll	Each Lot	On Completion of Density Testing, Proof Roll in accordance with AS3798 Section 5.5.	Drawing 00201 Note E41 AS3798	Visual Inspection	This ITP Signed	**HP**	Project/Site Engineer Principles Rep			

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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.

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

Legend:

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

Notes