Fulton Hogan	**Inspection and Test Plan - Control and Supervision of the Works**	**Doc ID:** FH-ZU2-QU-ITP049 **REV: 0**
Client: Melbourne Airport	**Contract No:**	**Prepared By:** Ahmad El Wazer
Project: Taxiway Zulu	**Reviewed By:** Jamal Khodr	**Date: 03/07/2025**
Construction Process: ALER 3 AGL Equipment Installation	**Approved By:** Marco Poggenberg	**Date: 03/07/2025**
Specifications: ZULU-BECA-001-SPC-00003, ZULU-BECA-001-SPC-00005, Drawings		
Structure / Component: AGL Equipment within ALER 3		

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		Project Engineer / Site Engineer	Principal's Rep.	FH	Date
1.0	**Preliminary Activities – Permits, Documentation, Approvals, Survey Documentation**										
1.1	Check for correct documentation	Prior to commencing activity	Ensure that all employees and subcontractors are: - using the correct and complete set of drawings. - all drawings are the latest revision.	Drawings / Aconex Register	Verify	Drawings and drawing registers	HP*	Project Engineer / Site Engineer			
1.2	Implementation of all measures and controls	Prior to commencing activity	All necessary measures and controls being implemented, that is PSP, EMP, TMP, SWMS & WP.	PSP, EMP, TMP, JSEA, SWMS, WP	Visual inspection	This ITP signed	HP*	Project Engineer / Site Engineer			
1.3	Survey Checks	Prior to commencing activity	Survey set out to be completed for all assets	Drawings	Verify	This ITP signed	HP*	Project Engineer / Site Engineer			
1.4	Submission & approval of shop drawings	Prior to commencing activity	**HOLD POINT** Submit shop drawings to the principal's representative for approval prior to fabrication commencement. Items to include but not limited to: • DB-AGL1 • DB-AGL2 • CCRs • SACs • SCOs • ILCMS equipment	ZULU-BECA-001-SPC-00005 C2100 Page 10 Drawings 030-3100 set Approved Shop drawings	Verify	Aconex Reference	**HP**	Project Engineer / Site Engineer /**Principal's Representative**			

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1.5	Material Submission	Prior to commencing activity	**HOLD POINT** Items to include but not limited to: • Control Systems • Power Control • Switchgear • Cables	Drawings / Aconex Register	Verify	Aconex Reference	**HP**	Project Engineer / Site Engineer /**Principal's Representative**			
1.6	Off-site Inspections	Each Lot	**WITNESS POINT** Switchboards shall be fully tested before leaving the manufacturer's premises. Inspection and attendance on site for Factory Acceptance Testing for: - Switchboards - Distribution Boards Following these inspections FAT testing shall be submitted.	ZULU-BECA-001-SPC-00005 C2121.20 Page 58 AS/NZS 3000 Drawings 030-3100 set	Verify	This ITP Signed Factory Acceptance Tests	**WP** **TP**	Project Engineer / Site Engineer /**Principal's Representative**			
2.0	**Construction**										
2.1	Delivery of Materials to site	Each Lot	Inspection of materials whilst still loaded on the truck prior to accepting the delivery on site. Identify any damage/defects prior to unloading of the material.	ZULU-BECA-001-SPC-00005 Drawings	Visual Inspection	This ITP Signed Materials Inspection Checklist on ConQA	IP	Project Engineer / Site Engineer			
2.2	Inspection of installed works	Each Lot	AGL contractor to inspect the installation to confirm suitability and as per design, including but not limited to: • Pits • Conduits • Slabs • Structure	Drawings	Visual Inspection	This ITP Signed	IP	Project Engineer / Site Engineer			

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			• Cable trays								
2.5	SCO	Each Lot	Supply and installation of (Nos.04) SCOs as per drawings and approved shop drawings. Including but not limited to: • Cubicle to be plinth mounted • Cabling • Labelling	AS/NZS 3000 Drawings 030-3100 set Shop Drawings	Visual Inspection	This ITP Signed ADB Safegate ITC	IP	Project Engineer / Site Engineer			
2.6	SAC	Each Lot	Supply and Installation of (Nos 04) SACs (with 36 x SDH-100-2000-PH Surge Diverters per Cubicle) as per drawings and approved shop drawings. Including but not limited to: • Cubicle to be plinth mounted • Conduit hood installed • Cabling • Labelling	AS/NZS 3000 Drawings 030-3100 set Shop Drawings	Visual Inspection	This ITP Signed ADB Safegate ITC	IP	Project Engineer / Site Engineer			
2.7	ILCMs	Each Lot	Supply and Installation of ILCMs equipment (including NCU cabinet, ASP cabinet, and existing SFAL) as per drawings and approved shop drawings. Including but not limited to: • TFO 200W NO E 6.6A/6.6A 50/60HZ Installed • SCF Complete Capsuled Installed • Two SCI Series Circuit Inductors Installed • Cabling • Labelling	AS/NZS 3000 Drawings 030-3100 set Shop Drawings	Visual Inspection	This ITP Signed ADB Safegate ITC	IP	Project Engineer / Site Engineer			
2.8	SCM	Each Lot	Supply and Installation of SCM equipment as per drawings and approved shop drawings. Including but not limited to: • SCM Cabinet Modems Labelled • OFLEX CLASSIC 110 CY 2x1.5 installed from CCRs to SCM Cabinet • OFLEX Cables tied and labelled on the cable tray • OFLEX Cables terminated inside the SCM Cabinet	AS/NZS 3000 Drawings 030-3100 set	Verify	This ITP Signed ADB Safegate ITC	**TP**	Project Engineer / Site Engineer			

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			• SCM Cabinet Energised								
2.9	CCR	Each Lot	Supply and Installation of CCR equipment as per drawings and approved shop drawings. Including but not limited to: • 7.5 kW CRE CCR's to be installed • CCR Power supply Cables with 50A Plugs Installed • Cables form CCR SCO to the 2 SCI Series Circuit Inductors with Female Connectors Installed	AS/NZS 3000 Drawings 030-3100 set	Verify	This ITP Signed ADB Safegate ITC	**TP**	Project Engineer / Site Engineer			
2.11	DBs	Each Lot	Confirm the following items are constructed in accordance with IFC design and specification. • Size, colour, location • Plinth (if required) • Secure and anchored. • Labels • Tightness & alignment • All wiring tidy and neat	ZULU-BECA-001-SPC-00005 C2100.2 AS/NZS 3000 Drawings 030-3100 set	Verify	This ITP Signed ADB Safegate ITC	**TP**	Project Engineer / Site Engineer			
2.12	Cabling – Mains, Submains,	Each Lot	Confirm the following items are constructed in accordance with IFC design and specification. • Type, size, colour, quantities, location • Secure Verify and confirm the following tests as per AS/NZS 3000 (not limited to): • Polarity Check • Cable Loop Resistance (Ohms) • Insulation Resistance (Core-Core& Core to Earth)	ZULU-BECA-001-SPC-00005 C2111.5 AS/NZS 3000 Drawings 030-3100 set	Verify	This ITP Signed ADB Safegate ITC	**TP**	Project Engineer / Site Engineer			

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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 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	