

Client: Melbourne Airport

Contract No: CP14038-01

Prepared By: Giuliano Follacchio

Project: Taxiway Zulu

Reviewed By: Jason Lee

Date: 26/7/24

Construction Process: AGL Pit Fit Out

Approved By: Giuliano Follacchio

Date: 26/7/24

Specifications: ZULU-BECA-001-SPC-00004

Structure / Component: AGL

Lot No:

Lot Details:

Lot size/Quantity:

Date:

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Principal's Representative Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			Avionics	Principal's Rep.	FH	Date
1.0	Preliminary Works											
1.1	Check for Correct Documentation	Prior to start	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				
1.2	Implementation of all measures and controls	Prior to start	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				
1.3	Definition of the work area & survey check	Prior to start	Work area has been cleared and surveyed (marked on site). Work area to be clearly defined as per For Construction drawings prior to trenching and install. Ensure excavation permit obtained and (if required) services in work(s) area isolated.	IFC Drawings Excavation Permit	Verify	This ITP signed	SCP	Project Engineer / Surveyor				

Client: Melbourne Airport

Contract No: CP14038-01

Prepared By: Giuliano Follacchio

Project: Taxiway Zulu

Reviewed By: Jason Lee

Date: 26/7/24

Construction Process: AGL Pit Fit Out

Approved By: Giuliano Follacchio

Date: 26/7/24

Specifications: ZULU-BECA-001-SPC-00004

Structure / Component: AGL

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Principal's Representative Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			Avionics	Principal's Rep.	FH	Date
2.0	Installation of SIT Pits											
2.1	Pit excavation and placement	Each Lot	Dig zone marked out and excavation undergone in accordance to relevant permit. Pit placed and levelled as per survey set out.	Drawings	Verify	This ITP signed Avionics SIT Pit Installation checklist	HP*	Project Engineer / Surveyor				
2.2	Conduit positioning	Each Lot	Primary and secondary conduits positioned in pit according to IFC drawings.	Drawings	Verify	This ITP signed Avionics SIT Pit Installation checklist	IP	Project Engineer				
2.3	Bedding and backfill of pit surrounds	Each Lot	Each pit shall be bedded and backfilled with stabilised sand.	ZULU-BECA-001-SPC-00004	Verify	This ITP signed Avionics SIT Pit Installation checklist	HP*	Project Engineer / Site Supervisor				
2.4	Pit number labelling	Each Lot	Each pit shall be painted with the pit number with black waterproof paint on the inside and top half of the pit wall. Characters shall be 50mm high.	Drawings	Verify	This ITP signed Avionics SIT Pit Installation checklist	IP	Project Engineer / Site Supervisor				
2.5	Pit close out	Each Lot	Pits shall be labelled and directional markers placed. Lids to be secured and area cleaned/demolished.	ZULU-BECA-001-SPC-00004	Verify	This ITP signed Avionics SIT Pit Installation checklist	IP	Project Engineer				

Client: Melbourne Airport

Contract No: CP14038-01

Prepared By: Giuliano Follacchio

Project: Taxiway Zulu

Reviewed By: Jason Lee

Date: 26/7/24

Construction Process: AGL Pit Fit Out

Approved By: Giuliano Follacchio

Date: 26/7/24

Specifications: ZULU-BECA-001-SPC-00004

Structure / Component: AGL

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Principal's Representative Surveyor Foreman	Checked by:				
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			Avionics	Principal's Rep.	FH	Date	
3.0	Earthing & Fit Out												
3.1	Earthing & pit fit out	Each Lot	If no SITs: - 16mm Earth Cable Terminated From Earth Rod to Earth Bar If pit houses SIT: - 6mm Earth Cable Installed From Earth Bar to SIT, 10 holes to be pre drilled into Earth Bar - SIT Mounting Tray Installed - SIT installed on the same tray which supply different circuits to have a 300mm gap clearance (Second tray to be provided if 300mm separation cannot be achieved on a single layer)	Drawings ZULU-BECA-001-SPC-00004	Verify	This ITP signed ADBSG Earthing & Pit Fit Out checklist	IP	Project Engineer					

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:

Client: Melbourne Airport

Contract No: CP14038-01

Prepared By: Giuliano Follacchio

Project: Taxiway Zulu

Reviewed By: Jason Lee

Date: 26/7/24

Construction Process: AGL Pit Fit Out

Approved By: Giuliano Follacchio


Date: 26/7/24

Specifications: ZULU-BECA-001-SPC-00004

Structure / Component: AGL

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

SIT Pit Installation					
 AVIONICS <small>LIMITED</small> LIGHTING THE WAY	Pit ID:				
	Pit Type:				
	Class:				
	Manufacturer:				
Task Details		Signature:	Date:	Name:	Status:
Task number 1: PRE-WORKS - Survey Pit Position (by Fulton Hogan). - Excavation Permit completed and approved for works (by Fulton Hogan). - Isolation of all services in works area (if required).					
Task number 2: CIVIL WORKS - Excavate hole for pit. As per drawings (approx. 1250mm x 1250mm x 1100mm excavation). - Position stabilised sand in excavation and level as per spec. - Lift Pit into position, using the correct lifting method. Ensuring the conduit holes align as per location requirements. - Ensure Pit is level and flush with surrounding ground level.					
Task number 3: CIVIL WORKS - Excavate and install earth pit as per the drawings. - Position conduits ensuring they correct align for primary, secondary and earth pit connection. - Install earth bar in SIT Pit. - Position brackets for SIT Mountings.					
Task number 4: CIVIL WORKS - Backfill around pit with stabilised sand. - Position pit lids. - Clean area and demobilize.					
Task number 5: CIVIL WORKS - Install PIT Labels.					
Task number 6: CIVIL WORKS - Install Directional Arrows.					
Task number 7: CIVIL WORKS - Install earth stake in earth pit.					



INSPECTION AND TEST PLAN - 113

Earthing & Pit Fit Out

Page

1 of 2

Issue Date

30/03/2024

Revision

1

REPORT DETAILS

Date Completed

Drawing References

ZULU-BECA-024-DWG

Project

Taxiway Zulu 2.0

Sheet Completed by

Location on Site

WORK DETAILS

Legend

✓ yes ✗ no NA not applicable

If no SITs are housed

If Pit houses SIT

NOTES

Pit Number

16mm Earth Cable Terminated From Earth Rod to Earth Bar

6mm Earth Cable Installed From Earth Bar
to SIT

SIT Mounting Tray Installed

[illegible]



INSPECTION AND TEST PLAN

Earthing & Pit Fit Out

Page

2 of 2

Issue Date

30/03/2024

Revision

1

WORK DETAILS

Legend

✓ yes X no NA not applicable

If no SITs are housed

If Pit houses SIT

Pit Number

16mm Earth Cable Terminated From Earth Rod to Earth Bar

6mm Earth Cable Installed From Earth Bar to SIT

SIT Mounting Tray Installed

[illegible]



INSPECTION AND TEST PLAN - 113a

Pit Fit Out

Page

1 of 2

Issue Date

30/03/2024

Revision

1

REPORT DETAILS

Date Completed

Drawing References

ZULU-BECA-024-DWG

Project

Taxiway Zulu 2.0

Sheet Completed by

Location on Site

WORK DETAILS

Legend

✓ yes X no NA not applicable

PIT PREPARATION

CABLE TRAY INSTALL

NOTES

Pit No.

Pit Size (eg. 1.2m x 1.2m)

New Pit Cleaned? (Y/N)

Trim Conduit (20mm Above)

SIT Mounting Tray/Brackets Installed

[illegible]



INSPECTION AND TEST PLAN - 113a

Pit Fit Out

Page

2 of 2

Issue Date

30/03/2024

Revision

1

WORK DETAILS

Legend

✓ yes X no NA not applicable

PIT PREPARATION

CABLE TRAY INSTALL

NOTES

Pit No.

Pit Size (eg. 1.2m x 1.2m)

New Pit Cleaned? (Y/N)

Trim Conduit (20mm Above)

SIT Mounting Tray/Brackets Installed

[illegible]

WORK DETAILS	Legend	✓ yes X no NA not applicable

[illegible]