

Client: Melbourne Airport

Contract No: CP18104

Prepared By: Giuliano Follacchio

Project: MAP MP

Reviewed By: Giuliano Follacchio

Date: 19/3/22

Construction Process: Aeronautical Ground Lighting (AGL) – Installation of Primary Cable

Approved By: Jordan Nicolaou

Date: 26/4/22

Specifications: CP18104 - MAP MP Airfield Spec No. 60585728-SPIA-0001

Structure / Component: AGL Electrical Systems

\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	Installation of Primary Cable												
1.1	Isolation of Services	Prior to start	Any services in the vicinity of work area(s) to be isolated to the satisfaction of the Principal and other relevant authorities. Ensure installation of primary cabling shall be made using latest revision of IFC drawing.	Drawing set ADE-EDAU21008-YMML-DD ADE-EDAU21008-TB-ver2.0	Verify	This ITP Signed / Avionics Checklist 005	HP*	Project Engineer / Avionics					
1.2	Preparation and Setup	Each Lot	Drums of cable set up, pit(s) opened, bollards placed to delineate open pit.	Drawing set ADE-EDAU21008-YMML-DD	Verify	This ITP Signed / Avionics Checklist 005	IP	Project Engineer / Avionics					
1.3	Installation	Each Lot	Draw rope installed in conduits to facilitate cable placement. Cables installed through pits with labels. SITs installed and cables tested.	Drawing set ADE-EDAU21008-YMML-DD ADE-EDAU21008-TB-ver2.0	Verify	This ITP Signed / Avionics Checklist 005	IP	Project Engineer / Avionics					
1.4	Positioning and Demobilisation	Each Lot	Equipment repositioned (if needed) ahead of closeout. Pit lids closed, bollards/other equipment removed and plant demobilised.	Drawing set ADE-EDAU21008-YMML-DD	Verify	This ITP Signed / Avionics Checklist 005	IP	Project Engineer / Avionics					

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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

INSTALLATION PRIMARY CABLE

MAPMP Alpha Tango



Pit No Start:

Date:

Pit No End:

CCT Name:

INSTALLATION INSPECTION		CHECK COMPLETION	
ITEM	DESCRIPTION	AVIONICS	
1.	Isolate all existing services prior top working in SIT Pits.		
2.	Set up cable drums		
3.	Open all pits and position cones around to mark open pit.		
4.	Remove all equipment from pits		
5.	Protect all existing primary cables		
6.	Install draw rope in conduits		
7.	Position new cables in Cable sock.		
8.	Run new cables through SIT Pits.		
9.	Position a loop of each feeder in SIT Pits		
10.	Install labels to all primary cables.		
11.	Install new KD-500 screened primary connectors to feeders for installation of Series Isolating Transformers using plug and receptables.		
12.	Perform insulation resistance test on each primary cable and record @ 1000V and generate test report for the IR testing.		
13.	Reposition equipment in pits		
14.	Close lids and clean area		
15.	Demobilize		
Remarks: All non-compliant items are captured below and raised via NCR (A-MSF 604-1 Non-conformance). (QA Manager to sign off)			
	NAME	SIGNATURE	DATE
Installed by: Avionics Airfield Lightize Pty Ltd			

Primary Cable	Insulation Resistance Reading	Comments

Additional Comments