Fulton Hogan	Inspection and Test Plan - Control and Supervision of the Works	Doc ID: ITP 009-11 REV: 0

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) – Electrical Fit-out of Existing SIT Pits	**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	**Electrical Fit-out of Existing SIT Pits**											
1.1	Isolation of Services and Preliminaries	Prior to start	Prior to entering pit, power to be isolated to the satisfaction of the Principal and other relevant authorities. Equipment removed and pit cleaned.	Drawing set ADE-EDAU21008-YMML-DD ADE-EDAU21008-TB-ver2.0	Verify	This ITP Signed / Avionics Checklist 011	**HP***	**Project Engineer / Avionics**				
1.2	Installation	Each Lot	Primary and secondary cables installed, along with transformers, primary connector joints, and earthing cable.	Drawing set ADE-EDAU21008-YMML-DD	Verify	This ITP Signed / Avionics Checklist 011	**IP**	**Project Engineer / Avionics**				
1.3	Pit Closeout	Each Lot	Earth cable terminated from lug and reposition SIT holder.	Drawing set ADE-EDAU21008-YMML-DD ADE-EDAU21008-TB-ver2.0	Verify	This ITP Signed / Avionics Checklist 011	**IP**	**Project Engineer / Avionics**				
1.4	Testing	Each Lot	Energise circuits and test lights.	Drawing set ADE-EDAU21008-YMML-DD	Verify	This ITP Signed / Avionics Checklist 011	**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	

ELECTRICAL INSTALLATION IN DEEP BASE SIT PIT

MAPMP Alpha Tango

Pit No: **Date:**

INSTALLATION INSPECTION		CHECK COMPLETION
ITEM	DESCRIPTION	AVIONICS
1.	Isolate Power prior to entering the pit.	
	Install new mounting brackets to ensure spacing of transformers is maintained within pit	
2.	Remove all equipment and clean pit.	
3.	Run 16mm earthing cable from earth pit to existing Deep Base SIT PIT	
4.	Terminate 16mm earth cable to grounding lug	
5.	Run new primary cables and secondary/earth cables into pit.	
6.	Install transformers on the mounting brackets as identified within design drawing and heat shrink primary connector joints.	
7.	Connect secondary/earth cables to SITs and label secondary cables.	
8.	Terminate earth cable from SIT to grounding lug.	
9.	Reposition SIT Holder with SITs in pit.	
10.	Contact Melbourne Airport energise circuits and test lights are serviceable.	
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		

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 Lighting Pty Ltd			