

|   |   |                                    |
|---|---|------------------------------------|
| <b>Client:</b> Melbourne Airport  | <b>Contract No:</b> CP1024              | <b>Prepared By:</b> Ahmad El Wazer |
| <b>Project:</b> Runway 09/27 Overlay  | <b>Reviewed By:</b> Giuliano Follacchio | <b>Date:</b> 14/07/2025            |
| <b>Construction Process:</b> Aeronautical Ground Lighting (AGL) – Removal of Luminaire, Installation of Shallow Cans and Luminaire Installation | <b>Approved By:</b> Marco Poggenberg    | <b>Date:</b> 14/07/2025            |
| <b>Specifications:</b> Melbourne Airport Runway 09-27 Overlay GHD-DD-SPC-002  |   |                                    |
| <b>Structure / Component:</b> 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<br>Site Engineer<br>Superintendent<br>Surveyor<br>Foreman | Checked by:     |           |    |      |  |
|----------|---|------------------------------------|--|--|-------------------------|--------------------------------|-------------------------|--|-----------------|-----------|----|------|--|
|          |   | Frequency                          | Acceptance Criteria  | Reference Documents                          | Inspection/ Test Method | Record of conformity           |                         |  | Sub-Contract or | Desig ner | FH | Date |  |
| 1.0      | Preliminary Works   |                                    |  |  |                         |                                |                         |  |                 |           |    |      |  |
| 1.1      | Check for correct documentation   | Prior to commencing any activity   | Ensure that all employees and subcontractors are using the latest and complete set of drawings | IFC Drawings<br>Appendix K-AGL Specification | Verify                  | Drawings                       | IP                      | Subcontractor Representative   |                 |           |    |      |  |
| 1.2      | Implementation of all measures and controls                                 | Prior to commencing any activities | All necessary measures and controls are being implemented, that is PSP, EMP, TMP, SWMS & WP.   | PSP, EMP, TMP, JSEA, SWMS, WP                | Verify                  | Site and Office Inspection     | HP*                     | Site Engineer / Site Supervisor  |                 |           |    |      |  |
| 1.3      | Material/Equipment Approvals and Certification                              | Prior to Start                     | All materials shall be proven to meet contractual requirements prior to acceptance.            | GHD-DD-SPC-002<br>Section 2.4<br>Section 2.5 | Verify                  | Datasheet/ Material Submission | HP*                     | Site Engineer  |                 |           |    |      |  |
| 2.0      | Removal of AGL Luminaires and installation of Foundation ( All light types) |                                    |  |  |                         |                                |                         |  |                 |           |    |      |  |
| 2.1      | Setting out of Airfield Luminaires  | Each Lot                           | Surveyor to confirm location of AGL with IFC drawings and confirm alignment of luminaires.     | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-  | Verify                  | SCP                            | IP                      | Site Engineer / Surveyor   |                 |           |    |      |  |

**Client:** Melbourne Airport

**Contract No:** CP1024

**Prepared By:** Ahmad El Wazer

**Project:** Runway 09/27 Overlay

**Reviewed By:** Giuliano Follacchio

**Date:** 14/07/2025

**Construction Process:** Aeronautical Ground Lighting (AGL) – Removal of Luminaire, Installation of Shallow Cans and Luminaire Installation

**Approved By:** Marco Poggenberg

**Date:** 14/07/2025

**Specifications:** Melbourne Airport Runway 09-27 Overlay GHD-DD-SPC-002

**Structure / Component:** AGL Electrical Systems

| Item No. | Task/Activity Description | Inspection/Test |   |  |                         |  | HP/ WP/ AP/ IP/ TP/ SCP | Responsibility<br>Site Engineer<br>Superintendent<br>Surveyor<br>Foreman | Checked by:     |          |    |      |
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|          |                           | Frequency       | Acceptance Criteria   | Reference Documents  | Inspection/ Test Method | Record of conformity                     |                         |  | Sub-Contract or | Designer | FH | Date |
|          |                           |                 | Existing lights shall be reinstated following the overlay works in their existing location and at their existing orientation utilising the survey data captured prior to their removal before the overlay works commencing. | AD-L00-DR-EE-0031<br>GHD-DD-SPC-002<br>Section 3.19.1                              |                         |  |                         |  |                 |          |    |      |
| 2.2      | Confirmation of pre-works | Each Lot        | Ensure that the light to be removed corresponds to project drawings and documentation.  | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031                       | Verify                  | This ITP Signed & AGL Sub-Contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |          |    |      |
| 2.3      | Light removal             | Each Lot        | Remove existing light and AGL cables from conduits as per Sub-Contractor ITC for the Methods 1 and 2.   | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031<br>Sub-Contractor ITC | Verify                  | This ITP Signed & AGL Sub-Contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |          |    |      |
| 2.4      | Isolation of lights       | Each Lot        | Prior to commencement of removal, the subcontractor shall ensure that the light has been isolated from power.   | APAM Electrical Isolation Standards  | Verify                  | This ITP Signed & AGL Sub-               | IP                      | Site Engineer / Site Supervisor  |                 |          |    |      |

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| <b>Construction Process:</b> Aeronautical Ground Lighting (AGL) – Removal of Luminaire, Installation of Shallow Cans and Luminaire Installation | <b>Approved By:</b> Marco Poggenberg    | <b>Date:</b> 14/07/2025            |
| <b>Specifications:</b> Melbourne Airport Runway 09-27 Overlay GHD-DD-SPC-002  |   |                                    |
| <b>Structure / Component:</b> AGL Electrical Systems  |   |                                    |

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|          |                           | Frequency       | Acceptance Criteria   | Reference Documents   | Inspection/ Test Method | Record of conformity                     |                         |  | Sub-Contract or | Designer | FH | Date |
|          |                           |                 |   |   |                         | Contractor ITC                           |                         |  |                 |          |    |      |
| 2.5      | Coring                    | Each Lot        | Core pavement to required depth as per subcontractor ITC for relevant Method.<br>Remove base and clean void.<br><br>Existing AGL secondary cables removed after coring. | AGL Subcontractor ITC<br><br>CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031 | Verify                  | This ITP Signed & AGL Subcontractor ITC  | IP                      | Site Engineer / Site Supervisor  |                 |          |    |      |
| 2.6      | Blanking Plate            | Each Lot        | As required, core holes and luminaires to be safeguarded to allow for placement of asphalt with a Blanking plate.   | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031                              | Verify                  | This Signed ITP & AGL Sub-Contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |          |    |      |
| 2.7      | Light storage             | Each Lot        | After removal of the light, the subcontractor must ensure that the light number and position is recorded and stored accordingly for re-installation.                    | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-   | Verify                  | This ITP Signed & AGL Sub-Contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |          |    |      |

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**Contract No:** CP1024

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**Project:** Runway 09/27 Overlay

**Reviewed By:** Giuliano Follacchio

**Date:** 14/07/2025

**Construction Process:** Aeronautical Ground Lighting (AGL) – Removal of Luminaire, Installation of Shallow Cans and Luminaire Installation

**Approved By:** Marco Poggenberg

**Date:** 14/07/2025

**Specifications:** Melbourne Airport Runway 09-27 Overlay GHD-DD-SPC-002

**Structure / Component:** AGL Electrical Systems

| Item No.   | Task/Activity Description               | Inspection/Test |   |  |                         |   | HP/ WP/ AP/ IP/ TP/ SCP | Responsibility<br>Site Engineer<br>Superintendent<br>Surveyor<br>Foreman | Checked by:     |          |    |      |
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|            |   | Frequency       | Acceptance Criteria   | Reference Documents  | Inspection/ Test Method | Record of conformity                    |                         |  | Sub-Contract or | Designer | FH | Date |
|            |   |                 |   | AD-L00-DR-EE-0031  |                         |   |                         |  |                 |          |    |      |
| <b>3.0</b> | <b>Installation of Light Foundation</b> |                 |   |  |                         |   |                         |  |                 |          |    |      |
| 3.1        | Setting out of Airfield Luminaires      | Each Lot        | Existing lights shall be reinstated following the overlay works in their existing location and at their existing orientation utilising the survey data captured prior to their removal before the overlay works commencing. | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031<br>GHD-DD-SPC-002<br>Section 3.19.1 | <b>Verify</b>           | <b>SCP</b>                              | <b>IP</b>               | Site Engineer / Surveyor   |                 |          |    |      |
| 3.2        | Coring                                  | Each Lot        | Core pavement to required depth as per subcontractor ITC for relevant Method and Section 3.19.3 of Specifications GHD-DD-SPC-002.<br>Remove asphalt core and remove blanking plate.   | AGL Subcontractor ITC<br><br>CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031        | <b>Verify</b>           | This ITP Signed & AGL Subcontractor ITC | <b>IP</b>               | Site Engineer / Site Supervisor  |                 |          |    |      |

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**Prepared By:** Ahmad El Wazer

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**Specifications:** Melbourne Airport Runway 09-27 Overlay GHD-DD-SPC-002

**Structure / Component:** AGL Electrical Systems

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|          |                            | Frequency       | Acceptance Criteria  | Reference Documents  | Inspection/ Test Method | Record of conformity                     |                         |  | Sub-Contract or | Desig ner | FH | Date |
|          |                            |                 |  | GHD-DD-SPC-002   |                         |  |                         |  |                 |           |    |      |
| 3.3      | Installation of Light Base | Each Lot        | Method 1:<br>1) Re-instated Light Location is to be picked up by survey as per Section 3.19.1 of Specifications GHD-DD-SPC-002<br>2) Secondary cable and earthing are to be places in Slot cuts<br>3) Reinstall existing light and reconnect secondary cable and terminate earth on light base as per Sections 3.12.4 and 3.19.3 of Specifications GHD-DD-SPC-002<br><br>Method 2:<br>1) Re-instated Light Location is to be picked up by survey as per Section 3.19.1 of Specifications GHD-DD-SPC-002<br>2) Reinstall existing light and reconnect the existing secondary cable and connector as per Sections 3.12.4 and 3.19.3 of Specifications GHD-DD-SPC-002 | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031<br><br>Sub-Contractor ITC | Verify                  | This ITP Signed & AGL Sub-Contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |           |    |      |

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| <b>Construction Process:</b> Aeronautical Ground Lighting (AGL) – Removal of Luminaire, Installation of Shallow Cans and Luminaire Installation | <b>Approved By:</b> Marco Poggenberg    | <b>Date:</b> 14/07/2025            |
| <b>Specifications:</b> Melbourne Airport Runway 09-27 Overlay GHD-DD-SPC-002  |   |                                    |
| <b>Structure / Component:</b> AGL Electrical Systems  |   |                                    |

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|          |                                     | Frequency       | Acceptance Criteria  | Reference Documents   | Inspection/ Test Method | Record of conformity                 |                         |  | Sub-Contract or | Desig ner | FH | Date |
| 4.0      | Installation of AGL Luminaires      |                 |  |   |                         |                                      |                         |  |                 |           |    |      |
| 4.1      | Installation of Inset light         | Each Lot        | A jig must be used to install, locate and level the inset light unit base in position in the core hole and maintain the base in position during the curing of the epoxy grout.<br><br>Ensure correct light is installed in correct position and rotation as per the IFC drawings, this ITP and ITC | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031<br>GHD-DD-SPC-002<br>Section 3.19.6            | Verify                  | This ITP Signed & Sub-contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |           |    |      |
| 4.2      | Light Fitting Functional Check      | Each Lot        | Light illuminates correctly (aiming, orientation, existing colour) as per existing photometric specs   | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-AD-L00-DR-EE-0031<br>GHD-DD-SPC-002<br>Section 3.19.6<br>MOS 139 | Verify                  | This ITP Signed & Sub-contractor ITC | IP                      | Site Engineer / Site Supervisor  |                 |           |    |      |
| 4.3      | Cabling and Earth Bond Verification | Each Lot        | Termination as per IFC and testing requirements of AS/NZ 3000  | CP1024-GHD-AD-L00-DR-EE-0003 to CP1024-GHD-   | Verify                  | This ITP Signed & Sub-               | IP                      | Site Engineer / Site Supervisor  |                 |           |    |      |

|  |   |                                  |                                    |
|--|---|----------------------------------|------------------------------------|
|    | Inspection and Test Plan - Control and Supervision of the Works |                                  | Doc ID: FH-927-QU-ITP007<br>REV: 0 |
| Client: Melbourne Airport  |   | Contract No: CP1024              | Prepared By: Ahmad El Wazer        |
| Project: Runway 09/27 Overlay  |   | Reviewed By: Giuliano Follacchio | Date: 14/07/2025                   |
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|----------|---------------------------|-----------------|---------------------|---|-------------------------|----------------------|-------------------------|--|-----------------|-----------|----|------|
|          |                           | Frequency       | Acceptance Criteria | Reference Documents   | Inspection/ Test Method | Record of conformity |                         |  | Sub-Contract or | Desig ner | FH | Date |
|          |                           |                 |                     | AD-L00-DR-EE-0031<br>GHD-DD-SPC-002<br>Section 3.19.6<br>AS/NZ 3000 |                         | contractor ITC       |                         |  |                 |           |    |      |

|   |           |            |                         |
|---|-----------|------------|-------------------------|
| <b>Final Inspection</b><br>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:

|            |                         |   |            |                          |  |
|------------|-------------------------|---|------------|--------------------------|--|
| <b>HP</b>  | Hold Point              | Work shall not proceed past the HP until released by the Superintendent | <b>IP</b>  | Inspection point         | Formal Inspection to be done and recorded                          |
| <b>HP*</b> | Fulton Hogan Hold Point | Work shall not proceed past the HP* until released by Fulton Hogan      | <b>TP</b>  | Test Point               | Product compliance test to be undertaken and recorded/reported     |
| <b>WP</b>  | Witness Point           | An inspection which must be witnessed by the Superintendent             | <b>SCP</b> | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| <b>AP</b>  | Approval Point          | Written or verbal approval given by the Superintendent                  |            |                          |  |

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| Notes |  |
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|    | Inspection and Test Plan - Control and Supervision of the Works |                                  | Doc ID: FH-927-QU-ITP007<br>REV: 0 |
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