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| --- | --- | --- | --- |
| Lot No: | Lot Details: | Lot size/Quantity: | Date: |

| **Item**  **No.** | **Task/Activity Description** | **Inspection/Test** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility**  Site Engineer  Superintendent  Surveyor  Foreman | **Checked by:** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | **Sub-Contractor** | **Designer** | **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  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. | Appendix K- AGL Specification  Section 2.3.3 | Verify | Datasheet/ Material Submission | **HP\*** | Site Engineer |  |  |  |  | |
| **2.0** | **Installation of Light** | | | | | | | | | | | | |
| 2.1 | Setting out of Airfield Luminaires | Each Lot | Surveyor to confirm location with IFC drawings. Alignment of luminaire positions, shallow seating pots to be checked. | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | **SCP** | **IP** | Site Engineer / Surveyor |  |  |  |  | |
| 2.2 | Isolation of lights | Each Light | 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 & Sub-contractor ITC | **IP** | Site Engineer / Site Supervisor |  |  |  |  | |
| 2.1 | Coring | Each Light | As required, Core asphalt to depth as per subcontractor ITC for relevant Method.  Remove blanking plate and clean void. | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | This ITP Signed & Sub-contractor ITC | **IP** | Site Engineer / Site Supervisor |  |  |  |  | |
| 2.1 | Saw Cutting | Each Light | Saw cut pavement to accommodate new light base. Protect edges as required. | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | This ITP Signed & Sub-contractor ITC | **IP** | Site Engineer / Site Supervisor |  |  |  |  | |
| 2.3 | Installation of Inset light | Each light | Ensure correct light is installed in correct position as per the IFC drawings, this ITP and ITC | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | This ITP Signed & Sub-contractor ITC | **IP** | Site Engineer / Site Supervisor |  |  |  |  | |
| 2.4 | Light spacing | Each Light | Ensure gap between new light base and pavement not less than 7mm and not more than 15mm. | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | This ITP Signed & Sub-contractor ITC | **IP** | Site Engineer / Site Supervisor |  |  |  |  | |
| 2.5 | Recess Sealing | Each light | Seal top of recess around light base with Dowsil 888 in concrete  Sealant in asphalt as detailed in IFC Drawing | IFC Drawings  12554937-E033 | **Verify** | This Signed ITP / ITC/As-Built Documentation | **IP** | Site Engineer / Site Supervisor |  |  |  |  | |
| 2.6 | Installation of secondary and Earthing Cable | Each Light | Each fitting shall have earthing cable provided   * Earthing to be 6mm2 single core green/yellow PVC cable. * Twin secondary cable to be 4mm2 each. | - | **Verify** | This Signed ITP  & Sub-contractor ITC | **IP** | Site Engineer |  |  |  |  | |
| 2.7 | Series Isolation transformer | Each Light | Each luminaire / fitting shall be connected to a series isolation transformer in closest SIT duct pit/ junction can. | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | This Signed ITP  & Sub-contractor ITC | **IP** | Site Engineer |  |  |  |  | |
| 2.8 | Luminaire Circuit | Each Light | Each luminaire fitting shall be installed on the appropriate circuit as specified in the construction drawings. | IFC Drawings  12554937-E031 to  12554937-E037 | **Verify** | This Signed ITP / As-Built Documentation | **IP** | Site Engineer |  |  |  |  | |
| **3.0** | **Post Construction** | | | | | | | | | | | | |
| 3.1 | Redundant equipment | Each Light | All existing AGL bases shall be raised, abandoned, removed or replaced as per specification | Appendix K- AGL Specification  Section 3.5.2 | **Verify** | This Signed ITP  & Sub-contractor ITC | **IP** | Site Engineer |  |  |  |  | |
| 3.2 | Equipment Survey | Each Light | Accurately survey the location of airfield lighting equipment. The survey plan, endorsed by a registered surveyor,  must identify the location of all installed equipment in relation to permanent site features and other underground  services. The survey must also capture all installation details such as the orientation and rotation of visual aids,  colour pattern, constructed foundations, etc. | Appendix K- AGL Specification  Section 3.4 | **Verify** | This Signed ITP  & Sub-contractor ITC | **IP** | Site Engineer |  |  |  |  | |
| 3.3 | As-Built | Each Light | Submission of surveyed luminaire position to superintendent prior to practical completion |  | **Verify** | **SCP** | **IP** | Site 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:**

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| **HP** | Hold Point | Work shall not proceed past the HP until released by the Superintendent | **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 Superintendent | **SCP** | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| **AP** | Approval Point | Written or verbal approval given by the Superintendent |  |  | |

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| **Notes** |  |  |  |  |