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| Logo Fulton Hogan AUS_CMYK_150dpi | | **Inspection and Test Plan - Control and Supervision of the Works** | | | | | | | | **Document # ITP-000** | |  |
| Revision : 0 | 20/07/2023 | |
|  | | | | | | | | | | | | |
| **Client:** | **Yarra Trams** |  | **Construction Process:** |  | Prepared by: |  | Reviewed by : | |  | Approved by : |  |  |
| **Project:** |  |  | ***Contract Hold Points - Pre Construction*** |  | Name: | **Jake Cardillo** | Name: | **Aaron Hatch** | | Name: | **Shaun Kent** |  |
| **Contract No:** | |  | **Specifications:** As outlined |  |  |  |  | |  |  |  |  |
|  | |  | **Structure / Component: Tram Track Renewal** |  | Signed : |  | Signed : | |  | Signed : |  |  |
|  | |  | **Location:** |  | Date : 20/07/23 |  | Date : 20/07/23 | |  | Date : 20/07/23 |  |  |
|  | | | | | | | | | | | | |
| **Lot No:** |  | **Lot Details:** |  |  |  |  | **Lot Size/ Quantity:** | | |  |  |  |
|  | | | | | | | | | | | | |
| **Item** | **Task/Activity Description** | **Inspection / Controls and Verification Detail** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** | **Checked by:** | | | |
| **No.** | **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection / Test Method** | **Record of conformity** | Project Engineer  Site Engineer Superintendent Surveyor Foreman | **Client** | **Fulton Hogan** | **FH's Sub- contractor** | **Date** |
| **1** | **Pre - Construction Works** | | | | | | | | | | | |
| 1.1 | Asphalt - submission of asphalt mix design | Prior to commencing asphalt | Ensure the mix design/s have been registered and are approved by Superintendent prior to laying mix. | VicRoads Spec.  Cl.407.09.  RAP DoT letter from production plant | Correspondence of receipt of mix design from the RAP DoT Letter. | Superintendent approval via hold point release | **HP** | Site Engineer/ Asphalt Supervisor / Superintendent |  |  |  |  |
| 1.2 | Concrete - submission & approval of concrete mix design prior to commencement of project | Prior to first concrete pour | Concrete mix design submitted and approved at least 2 weeks prior to first pour.  Mix shall contain minimum 460 kg/m3 cement content. Special 50 mPa mix is to be VS502B25MET1 with a suitably flowable design slump agreed prior to construction. | CE-019-ST- 0033  VicRoads Spec.  Cl. 503.04 | Correspondence of receipt of mix design from supplier | Superintendent approval via hold point release | **HP** | FH Engineer / Superintendent |  |  | N/A |  |
| 1.3 | Welders qualifications, competencies & work methodology | Prior to commencing works | Weld methodology to be submitted prior to commencement of works.  Welders shall be trained and compliant in Australian aluminothermic welding competencies as outlined below;   * TLIW2012 Grind Rails * TLIW3015 Weld Rails using Aluminothermic welding process * TLIW3035 Heat & cut materials using oxy-LPG equipment for the rail industry | CE-019-ST- 0033  Appendix C | Welding methodology | Superintendent approval via hold point release | **HP** | FH Engineer / Superintendent |  |  |  |  |
|  | | | | | | | | | | | | |
|  | **Final Inspection** |  |  |  |  |  |  |  |  |  |  |  |
| The signature below verifies that this ITP has been completed in accordance with the FH’s Quality system Procedures and verifies lot compliance with specifications. | | | | | | | | | | | | |
|  | Print Name: | Position: |  | Signature: |  |  |  |  | Date: / / | |  |  |

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| **Item** | **Task/Activity Description** | | **Inspection / Controls and Verification Detail** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** | **Checked by:** | | | |
| **No.** | **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection / Test Method** | **Record of conformity** | Project Engineer  Site Engineer Superintendent Surveyor Foreman | **Client** | **Fulton Hogan** | **FH's Sub- contractor** | **Date** |
| ***Legend*** | | | | | | | | | | | | | |
| **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\*** | FH Hold Point | Work shall not proceed past the HP\* until released by FH | | | **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 | | |  | | | | | | | | |