

Edinburgh Tram Network

Design Assurance Statement

Doc. Ref:



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AUTHORISATION PAGE

Title: Design Assurance Statement				
Approvals	Name	Position	Signed	Date
Compiled by		Section Design Manager		
Reviewed by	K. Dorrington	Design Manager		
Approved by	J Chandler	Project Manager		

Revision History

Ver No	Date	Description	Prepared By

Distribution

Ver No	Date	Name	Role	Company

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EDINBURGH TRAM NETWORK DESIGN ASSURANCE STATEMENT

(For clarification refer to guidance notes attached)

<p>a) SUBMISSION DETAILS / TITLE:</p> <p>Section / Sub-Section to which this Certificate Relates: (1)</p> <p>Date of Issue: (2)</p>
<p>b) Summary of Section / Sub-Section Submission: (3)</p>
<p>c) Submission Specific Design Documents: (4)</p> <p>Have all Submission Specific Design Documents been reviewed, approved and under version control (in Hummingbird)?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Comments</p>
<p>d) Submission Specific Drawings: (5)</p> <p>Have all Submission Specific Design Documents been reviewed, approved and under version control (in Hummingbird)?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Comments</p>
<p>e) Applicable System-Wide Drawings and Documents: (6)</p> <p>Have all applicable System-Wide Drawings and Documents been reviewed, approved and under version control (in Hummingbird)?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Comments</p>

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<p>f) Principal Standards: (7) Detail Applicable Standards;</p> <p>Have all referenced Principal Standards been adhered to, Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Have any deviations been approved and logged? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Detail and or reference relevant deviations' and non conformances</p>
<p>g) Requirements Test Specification: Compliance of technical specification with Client needs/defined requirements (8)</p> <p>Compliance of technical specification with Client needs/defined requirements. Are the relevant Requirements Test Specification entries populated with the required compliance entries? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Comments</p>
<p>h) Deviations and Non-Conformances including SDS requirements documentation: (9)</p> <p>Are there any deviations or Non Conformances relevant to this submission? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Have all relevant Deviations and Non-Conformances been approved and logged? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Detail and or reference relevant deviations' and non conformances</p>

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<p>i) Applicable IDC Forms: (10)</p> <p>Do all IDC Forms contain no issues and have been correctly signed off?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Detail any open issues</p> <p>Comments</p>
<p>j) Tram Design Manual and Design Briefs: (11)</p> <p>Have the Tram Design Manual and the Design Briefs been checked and issues addressed?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Detail any open issues</p> <p>Comments</p>
<p>k) Hazard Log: (12)</p> <p>Detail Applicable References;</p> <p>Have all relevant entries in the Hazard Log been addressed and closed?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Detail any open issues</p> <p>Comments</p>
<p>l) Risk Register: (13)</p> <p>Have all relevant entries in the Risk Register been addressed and closed?</p> <p>Detail Applicable References;</p>

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Yes

No

Detail any open issues

Comments

m) Design Issues Tracker: (14)

Detail Applicable References;

Have all relevant entries in the Design Issues Tracker been addressed and closed?

Detail Applicable References;

Yes

No

Detail any open issues

Comments

n) Approvals and Consents: (15)

Detail Applicable References;

Have all Approvals and Consents been granted for this submission?

Yes

No

Comments

Have all relevant entries in the Approvals and Consents Tracker been addressed and closed?

Detail Applicable References;

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Yes

No

Detail any open issues

Comments

o) Relevant Agreements and Undertakings: (16)

Detail Applicable References;

Have all Agreements and Undertakings relevant to this submission been addressed and closed?

Yes

No

Detail any open issues

Comments

p) CDM (17)

“So Far as Reasonably Practicable (SFARP) has the design considered the avoidance of foreseeable risks to those involved in its construction, use, maintenance and decommissioning through the elimination/mitigation of hazards?

Yes

No

Comments

Are there any significant residual risks relevant to this submission?

Yes

No

Have significant residual risks been recorded and provided in a clear manner with this design submission?

Yes

No

Provide reference as to where information is contained (e.g. drawing no/ register reference)

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<p>Has all relevant information for the Health & Safety File been provided and referenced? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Provide reference as to where information is contained (e.g. drawing number / statement or strategy)</p> <p>Comments</p>
<p>q) Other Relevant Information: (18)</p>

GUIDANCE NOTES

(1)	Detail the Section or Sub-Section that this DAS covers
(2)	Date Issued
(3)	Brief summary of the Section / Sub-Section, the design and features. For example, the Section / Sub-section characteristics, Tramstops, Substations, Structures, Landscaping, Environmental etc.
(4)	List the documents that are specific for this submission in this section.
(5)	List the drawings that are specific for this submission in this section.
(6)	List the applicable system-wide drawings and documents for this submission In particular; system wide drawings/documents that make specific reference to the subsection applicable to the submission must be referenced in this section.
(7)	List the applicable Standards in this section (e.g. Engineering Standards) in this section. Generally these will be detailed in the applicable OPS. Any exceptions to standards listed in the OPS must be detailed in this section.
(8)	Check of the Requirements Test Specification (ULE90130-SW-SW-SPN-00048) to ensure that all relevant entries have been populated and supplied to the Systems Engineer responsible for controlling the Requirements Database.
(9)	Provide detail of any Deviations and Non-conformances from specification, including SDS requirements documentation in this section
(10)	List the applicable IDC Forms. Check that all IDC Forms have 'no-issues', versions are correctly signed off. Any open issues must be referenced and detailed
(11)	Confirm that the design has addressed the relevant issues from the Tram Design Manual and Design Briefs. Brief details of outstanding issues must be provided.
(12)	Confirm that all relevant entries in the Hazard Log have been addressed and closed Reference shall be made to the relevant hazards in this section also identify hazards relating to the submission that are still open.
(13)	Confirm that all relevant entries in the Risk Register have been addressed and closed. Reference shall be made to the applicable risks in this section and detailed where they remain open.
(14)	Confirm that all relevant entries in the Design Issues Tracker have been addressed and closed. Reference shall be made to the relevant issues in this section with brief details provided of any remaining open issues.
(15)	Confirm that all relevant entries in the Approvals and Consents Tracker have been addressed and closed. Reference shall be made to the relevant issues in this section with brief details

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	provided of any open issues
(16)	List the relevant Agreements and Undertakings for this submission. Confirm that all Agreements and Undertakings relevant to this submission been addressed and closed. Reference shall be made to the relevant issues in this section with brief details provided of any open issues
(17)	Confirm that the designer has complied with his duties under the CDM regulations 2007. Significant residual risk information must be provided with a source reference in this section. If there are no residual risks please make the statement "No significant residual risk" in this section. References to information provided for the health & safety file must be provided in this section. This can include details of the loading information that has been used in developing the design, together with any methodologies or strategies that have been developed regarding future maintenance, use as a workplace, cleaning and demolition
(18)	List any other relevant information for this submission.