Metrolinx

Safety Subsystem Requirements for [contracted project]

[document number]

Revision 00

Date: DD/MM/YYYY

Authorization

|  |  |  |  |
| --- | --- | --- | --- |
| Prepared by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Reviewed by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Reviewed by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Approved by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Approved by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |

**Amendment Record**

|  |  |  |
| --- | --- | --- |
| **Revision** | **Date (DD/MM/YYYY)** | **Description of Changes** |
|  |  |  |

Contents

Section Page

[Authorization i](#_Toc156557185)

[Documents iii](#_Toc156557186)

[Acronyms and Abbreviations iv](#_Toc156557187)

[Definitions v](#_Toc156557188)

[1. Introduction 1](#_Toc156557189)

[1.1 Purpose 1](#_Toc156557190)

[1.2 Scope 1](#_Toc156557191)

[1.3 Related Specifications 1](#_Toc156557192)

[2. Subsystem Description 2](#_Toc156557193)

[2.1 Subsystem Mission/Scope 2](#_Toc156557194)

[2.2 Environmental Conditions 2](#_Toc156557195)

[2.3 Maintenance Conditions 2](#_Toc156557196)

[2.4 Operating Conditions 2](#_Toc156557197)

[3. Risk Assessment Approach 3](#_Toc156557198)

[3.1 Process 3](#_Toc156557199)

[3.2 Competency 3](#_Toc156557200)

[4. Safety Targets and Requirements 4](#_Toc156557201)

[4.1 Safety Targets 4](#_Toc156557202)

[4.2 Safety Requirements 4](#_Toc156557203)

[4.3 Apportionment Strategy and Constraints 4](#_Toc156557204)

[5. Safety Related Application Conditions 5](#_Toc156557205)

[5.1 5](#_Toc156557206)

[6. Assumptions 6](#_Toc156557207)

[6.1 6](#_Toc156557208)

[7. Safety Demonstrated Process and Acceptance Criteria 7](#_Toc156557209)

[7.1 Demonstration Process 7](#_Toc156557210)

[7.2 Acceptance Criteria 7](#_Toc156557211)

[<Appendix Title> 8](#_Toc156557212)

[A.1 8](#_Toc156557213)

Tables

[Table 0-1 Supporting Documents iii](#_Toc156557214)

[Table 0-2 Acronyms and Abbreviations iv](#_Toc156557215)

[Table 0-3 Definitions v](#_Toc156557216)

Documents

|  |
| --- |
| Table 0-1 Supporting Documents |
| Document Number | Document Title | Relation |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Acronyms and Abbreviations

| Table 0-2 Acronyms and Abbreviations |
| --- |
| **Acronym** | **Full Name** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Definitions

Table 0-3 Definitions

|  |  |  |
| --- | --- | --- |
| **Term** | **Definition** | **Source** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

\*This template is intended to be used in compliance with MX-SEA-PD-140 Safety Subsystem Requirements: Product Description standard\*

# Introduction

## Purpose

### Heading 3

#### Heading 4

##### Heading 5

###### Heading 6

## Scope

## Related Specifications

# Subsystem Description

## Subsystem Mission/Scope

## Environmental Conditions

## Maintenance Conditions

## Operating Conditions

# Risk Assessment Approach

## Process

## Competency

# Safety Targets and Requirements

## Safety Targets

## Safety Requirements

## Apportionment Strategy and Constraints

# Safety Related Application Conditions

##

# Assumptions

##

# Safety Demonstrated Process and Acceptance Criteria

## Demonstration Process

## Acceptance Criteria

<Appendix Title>

* + 1.