Metrolinx

Reliability, Availability and Maintainability Validation Report 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](#_Toc156556840)

[Documents iii](#_Toc156556841)

[Acronyms and Abbreviations iv](#_Toc156556842)

[Definitions v](#_Toc156556843)

[1. Introduction 1](#_Toc156556844)

[1.1 Purpose of Document 1](#_Toc156556845)

[1.2 Scope of RAM Validation 1](#_Toc156556846)

[1.3 Supporting Documents 1](#_Toc156556847)

[1.4 Updates and Changes to the RAM Validation Report 1](#_Toc156556848)

[2. Project RAM Organization 2](#_Toc156556849)

[2.1 Validation Team 2](#_Toc156556850)

[2.2 Evaluation of RAM Organization 2](#_Toc156556851)

[3. RAM Analyses and Management 3](#_Toc156556852)

[3.1 Evaluation of RAM Analyses and Management 3](#_Toc156556853)

[4. Validation of RAM Requirements 4](#_Toc156556854)

[4.1 Methodology 4](#_Toc156556855)

[4.2 Deviations 4](#_Toc156556856)

[4.3 Version of System under Validation 4](#_Toc156556857)

[4.4 Validation Program 4](#_Toc156556858)

[4.5 Requirements Table 4](#_Toc156556859)

[5. Conclusions 5](#_Toc156556860)

[5.1 Overall Conclusions 5](#_Toc156556861)

[5.2 Non-conformances 5](#_Toc156556862)

[5.3 Outstanding Actions 5](#_Toc156556863)

[<Appendix Title> 6](#_Toc156556864)

[A.1 6](#_Toc156556865)

Tables

[Table 0-1 Supporting Documents iii](#_Toc156556866)

[Table 0-2 Acronyms and Abbreviations iv](#_Toc156556867)

[Table 0-3 Definitions v](#_Toc156556868)

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-125 RAM Validation Report: Product Description standard\*

# Introduction

## Purpose of Document

### Heading 3

#### Heading 4

##### Heading 5

###### Heading 6

## Scope of RAM Validation

## Supporting Documents

## Updates and Changes to the RAM Validation Report

# Project RAM Organization

## Validation Team

## Evaluation of RAM Organization

# RAM Analyses and Management

## Evaluation of RAM Analyses and Management

# Validation of RAM Requirements

## Methodology

## Deviations

## Version of System under Validation

## Validation Program

## Requirements Table

# Conclusions

## Overall Conclusions

## Non-conformances

## Outstanding Actions

<Appendix Title>