

Software Test Description (STD)

Development Team

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Software Test Description (STD)

1. Scope

1.1 Identification

STD-001: Test Identification - The test **shall** be identified by the following information: - **Test Name:** [Test Name] - **Test Identifier:** [TEST-001] - **Version:** 1.0 - **Classification:** [Unclassified/Classified Level]

1.2 Test Overview

STD-002: Test Purpose - The test **shall** verify [specified software requirements] - The test **shall** validate [specified system behaviors] - The test **shall** support acceptance criteria

2. Referenced Documents

STD-003: Referenced Standards - MIL-STD-498: Software Development and Documentation - [Other applicable standards]

3. Test Description

3.1 Test Environment

STD-004: Test Environment - The test **shall** be conducted in [specified environment] - The test **shall** use [specified hardware/software] - The test **shall** document environment configuration

3.2 Test Inputs

STD-005: Test Inputs - The test **shall** use the following inputs: - [Input 1] - [Input 2] - [Input 3]

3.3 Test Procedures

STD-006: Test Steps - The test **shall** follow these steps: 1. [Step 1] 2. [Step 2] 3. [Step 3]

3.4 Expected Results

STD-007: Expected Results - The test **shall** expect the following outcomes:
- [Expected Result 1] - [Expected Result 2] - [Expected Result 3]

3.5 Pass/Fail Criteria

STD-008: Pass/Fail Criteria - The test **shall** be considered passed if [criteria]
- The test **shall** be considered failed if [criteria]

4. Traceability

Requirement ID	Parent Requirement	Child Requirements	Status
STD-001	-	STD-002, STD-003	Approved
STD-004	STD-002	STD-005, STD-006	In Progress

5. Notes

- **STD:** Software Test Description
- **Test Case:** A set of conditions for testing