



# General Environmental Verification Standard (GEVS) for GSFC Flight Programs and Projects

## *Options for Standards Update Notification System (SUNS)*

**Send SUNS Updates:** Yes

**SUNS Notification Type:** Correction

## *Organization that Developed the Standard*

**Organization that Developed the Standard:** NASA Standard

## *Document Identifiers*

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## *NASA Organization and Technical Discipline*

**Responsible NASA Organization:** GSFC - Goddard Space Flight Center

## *Endorsed Standard*

### *Endorsement Details*

**NASA Core Standard:** No

**NASA Endorsed Standard Status:** Not NASA Endorsed

## *Mandatory Standard*

**NASA Mandatory Standard:** Not a NASA Mandatory Standard

### **Document Scope**

**Document Scope:** This standard provides guidelines for environmental verification programs for Goddard Space Flight Center (GSFC) payloads, subsystems and components and describes methods for implementing the environmental verifications described. It contains a baseline for demonstrating, by test and/or analysis, the satisfactory performance of hardware in the expected mission environments, and that minimum workmanship standards have been met. It elaborates on those guidelines, gives guideline test levels, provides guidance in the choice of test options, and describes acceptable test and analytical methods for implementing the requirements. It is expected that projects will use this handbook in the development of their environmental requirements. Any guidelines that are intended as “institutional” requirements will be captured in GSFC-Std-1000 Rules for the Design, Development, and Operation of Flight Systems (also known as the GOLD Rules).

**Keywords:** GEVS, verification requirement, environmental test

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#### **Document Viewable by**

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### **Important Standard Dates**

**Next 5-Year Review Date:** 04/28/2026

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**Additional Comments****Submitting User:** System Admin**Submitting User's Email:** standards@msfc.nasa.gov**Submitted Date:** Wed, 07/08/2015 - 12:00**Last modified by:** System Admin**Last modified on:** Thu, 06/17/2021 - 14:34

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## Application Notes for this Standard

-No Application Notes are associated with this standard.

## Lessons Learned Related to this Standard

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-No Lessons Learned are associated with this standard.

## DRD Related to this Standard

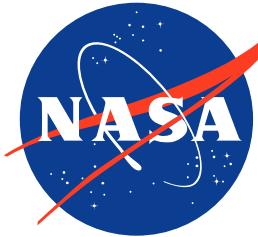
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