



# **Student Specifications Document Template Guide**

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## Revision History

Revision	Description	Author	Date	Approval
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## Specifications

# 1 SCOPE

(a) General:

(b) Acronyms:

## 2 APPLICABLE DOCUMENTS

The following documents shown shall form part of the specifications for this project. In the event of a conflict between requirements, priority shall first go to the contract, second to this document, and lastly to these reference documents.

- (a) **Government Documents** *This is where to put MIL-Specs, MIL-STDs, NASA specs and so forth. Be sure to include the revision level and date.*
- (b) **Industry Documents** *This is where to put ANSI, ASTM, ASME, IEEE, Company specifications and so forth. Both this section and government documents can be divided up into logical subcategories.*

### **3 STAKEHOLDER REQUIREMENTS**



## **4 ENGINEERING REQUIREMENTS**

## 5 VERIFICATION OF REQUIREMENTS

Possible verification methods include:

1. Inspection:

Inspection is a method of verification consisting of investigation, without the use of special laboratory appliances or procedures, to determine compliance with requirements. Inspection is generally nondestructive and includes (but is not limited to) visual examination, manipulation, gauging, and measurement.

2. Demonstration:

Demonstration is a method of verification that is limited to readily observable functional operation to determine compliance with requirements. This method shall not require the use of special equipment or sophisticated instrumentation.

3. Analysis:

Analysis is a method of verification, taking the form of the processing of accumulated results and conclusions, intended to provide proof that verification of a requirement has been accomplished. The analytical results may be based on engineering study, compilation or interpretation of existing information, similarity to previously verified requirements, or derived from lower level examinations, tests, demonstrations, or analyses.

4. Direct Test:

Test is a method of verification that employs technical means, including (but not limited to) the evaluation of functional characteristics by use of special equipment or instrumentation, simulation techniques, and the application of established principles and procedures to determine compliance with requirements.

### 5.1 Verify Coverage of Stakeholder Requirements

Paragraph Number	Test Type	Tester's Name	Pass/Fail	Date