Safety Critical Standards Review

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Abstract

This chapter describes the legal frameworks and standards organisations that exist in Europe and North America. Some specific standards (that the author has experience with directly) are reviewed.

1 Introduction

1.1 Product Life Cycle

i difffernent areas EN61508 REQ to SPEC to DESIGN
EN298 DESIGN TO PRODUCT
FM PRODUCT VERIFICATION MONITORING
Different agencies - approval is testing of new product and verification to standard - manufacturing overwatch / supervision word on tip of tounge -

2 European or 'EN' Standards

2.1 Scope

2.2 Approval Process

2.3 Legal Framework

2.4 References

3 North American Standards

3.1 Scope

3.2 Approval Process

3.3 Legal Framework

3.4 References

Protection against being sued mainly ! UL - underwriters laboratories.... etc

4 Cross Referencing

Stabndards of ten reference other - i.e. EMC testing in EN298 refers toEN blah blah to level blah blah

5   Standard in detail: EN298

6   Standard in detail: UL1998

7   Standard in detail: EN230

8   Standard in detail: EN61508

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