

PRELIMINARY SYSTEM DEFINITION

Significant change?

Yes

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SYSTEM DEFINITION

(Scope, Function, Interfaces etc)

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HAZARD IDENTIFICATION

What can happen? When? Where? How? Etc.

HAZARD CLASSIFICATION

(How critical?)

Broadly Acceptable Risk?

Yes

No

System Definition Review in function of the identified Safety Requirements

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Selection of Risk Acceptance Principle

CODES OF PRACTICE

SIMILAR REFERENCE SYSTEM

EXPLICIT RISK ESTIMATION

Application of Codes of Practice

Similarity Analysis with Reference System(s)

Identification of Scenarios & associated Safety Measures

Safety criteria?

Qualitative

Estimate Frequency

Estimate Severity

Estimate Risk

Comparison with criteria

Comparison with criteria

Comparison with criteria

Acceptable Risk?

Acceptable Risk?

Acceptable Risk?

Yes

Yes

Yes

No

No

No

Safety Requirements

(i.e. the Safety Measures to be implemented)

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Demonstration of Compliance with Safety Requirements

INDEPENDENT ASSESSMENT

HAZARD MANAGEMENT

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