

IEC 61508 e fasi del

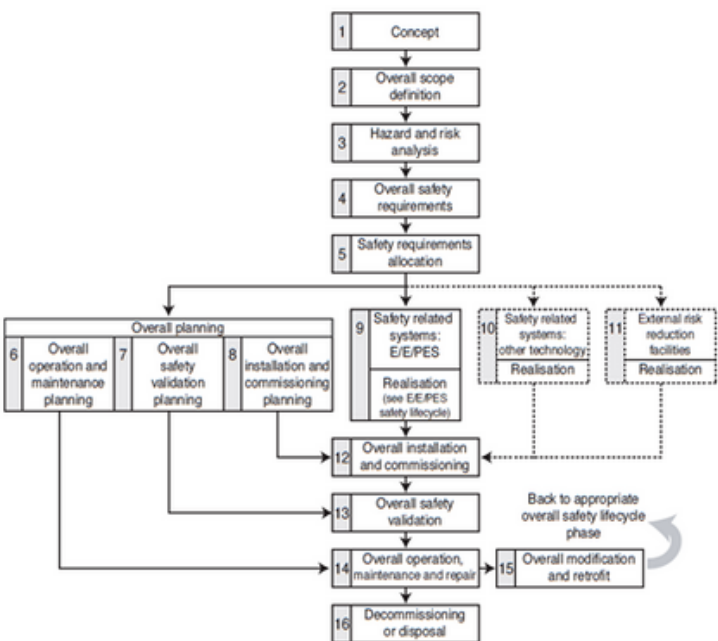
FUNCTIONAL SAFETY LIFECYCLE



IEC 61508

Functional Safety Lifecycle

A sequence of steps that provide a logical path from commissioning, to decommissioning of the EUC.



Objectives to achieve

Requirements to meet

Purpose of each phase

Inputs and Outputs

1 CONCEPT

Information about the EUC

2 OVERALL SCOPE DEFINITION

Risk Analysis scope

3 HAZARD AND RISK ANALYSIS

Hazardous events

4 SAFETY REQUIREMENTS

Specific general requirements

5 ASSIGNMENT OF REQUIREMENTS

Safety function requirements

6 GENERAL PLANNING

Install/commissioning plan

7 REALISATION

In conformità ai requisiti definiti

8 INSTALLATION/ COMMISSIONING

Fully installed system

9 VALIDATION

General safety validation

10 OPERATING/ REPAIR

Ensure the maintenance

11 OVERAL MODIFICATION

Retrofit procedures

12 DISPOSAL

Decommissioning procedures