

1.2. Risk Assessment

1.2.1. Fire Risk Assessment (FRA)

A process to characterize the risk associated with fire that addresses the fire scenario or fire scenarios of concern, their probability, and their potential consequences.

1.2.2. Acceptance Criteria

Acceptance criteria are the units and threshold values against which a fire risk assessment is judged.

1.2.3. Consequence

The outcome of an event, which may be expressed qualitatively or quantitatively.

1.2.4. Event

The occurrence of a particular set of circumstances, whether certain or uncertain and whether singular or multiple .

1.2.5. Fire Scenario

A fire scenario is a set of conditions and events that characterizes the development of fire, the spread of combustion products, the reactions of people, and the effect of combustion products.

1.2.6. Hazard

A condition that presents the potential for harm or damage to people, property, environment, mission, or cultural heritage.

1.2.7. Frequency

The average number of times an event is repeated in a given period.

1.2.8. Probability

The likelihood of an occurrence as expressed as a number between 0 and 1, and the basis of which is often expressed over a period of time or number of trials.

1.2.9. Likelihood

Frequency, probability, or their combination.

1.2.10. Risk

The paired probabilities and consequences for possible undesired events associated with a given facility or process.

1.2.11. Model

Simulation of an event.

1.2.12. Method

A process or technique to help resolve a model.

1.2.13. Probabilistic Method

A model whose outputs are probabilities or probability distributions.