

Recommended bases for comprehensive risk identification when defining specific risks by: source → path → effect.

Agent of change	Type of Risk		
	1	2	3
Physical Forces	Source	Source + path	Source
Fire <sup>1</sup>	Source + Path (ignition + flashover + spread) <sup>1</sup>	Source + path (ignition + flashover) <sup>1</sup>	Source (of ignition) <sup>1</sup>
Water	Source	Path	Path
Criminals	Path	Path	Path
Pests	Seldom used	Source + effect	Effect (of persistent issue)
Contaminants	Source	Source + path	Effect
Light and radiation	Seldom used	Effect	Effect
Incorrect temperature	Source	Source	Effect
Incorrect relative humidity	Seldom used	Source	Effect
Dissociation	Source	Path	Path

<sup>1</sup> Note for the agent fire, types of risk are not defined by the normal frequency-based scheme but uniquely based on a fire risk engineering model: type 3, ignition no flashover; type 2, flashover no spread; type 1, flashover and spread.