

							Likelihood				
							Rare	Unlikely	Moderate	Likely	Almost Certain
							<1% Chance	1-20% Chance	21-50% Chance	51-80% Chance	>80% Chance
							<10 ⁻⁵ Freq	10 ⁻⁵ -10 ⁻⁴ Freq	10 ⁻⁴ -10 ⁻² Freq	10 ⁻² -10 ⁻¹ Freq	>10 ⁻¹ Freq
Consequence	Category	Safety	Environment	Financial (EUR)	Reputation	Schedule Delay	Never heard of in the industry	Heard of in the industry	Happened in the organisation or more than once in the industry	Happened at the facility or more than once in the organisation	Happened more than once at the facility
	Catastrophic	≥1 fatalities / 6 serious injuries requiring hospitalization for ≥24hr	Major permanent / long term effect	≥2m	Widespread serious adverse impact	>12 months	7	10	12	14	15
	Major	<6 serious injuries requiring hospitalization for ≥24hr	Serious medium to long term effect	2m to 1m	Widespread moderate impact	6-12 months	5	8	11	13	14
	Moderate	Single serious injury requiring hospitalization for ≥24hr	Moderate short to medium term effect	1m to 500,000	Localised moderate impact	3-6 months	3	6	9	11	12
	Minor	Injury requiring hospitalization for <24hr	Minor short term effect	500,000 to 50,000	Localised minor impact	1-3 months	2	4	6	8	10
	Insignificant	First Aid / minor injury	Low short effect	≤50,000	No impact	<1 month	1	2	3	5	7



Intolerable High Risk
High Risk
Moderate Risk
Low Risk

Risk is unacceptable where elimination of the hazard or implementation of additional risk reduction measure(s) is a must
Risk is tolerable where elimination of the hazard or implementation of additional risk reduction measure(s) shall be considered with the ALARP principle
Risk is tolerable where implementation of additional risk reduction measure(s) should be considered with the ALARP principle
Risk is acceptable where the existing risk reduction measure(s) should be monitored and reassessed at appropriate intervals

Environment Definitions	
Major permanent / long term effect	Very serious environmental effects with impairment of ecosystem function (greater than 90% of habitat). Long term, widespread effects on significant environment (e.g. Unique habitat, National Park). Ecosystem or habitat viability severely threatened, recovery, will take longer than 10 years once impacted.
Serious medium to long term effect	Serious environmental effects with some impairment of ecosystem function (30 - 90% of ecosystem or habitat impacted with potential displacement of a species). Relatively widespread medium to long term effect, recovery anticipated within 3 to 10 years once impact occur.
Moderate short to medium term effect	Moderate effects on biological or physical environment but not affecting ecosystem function. Moderate short to medium term widespread impacts (5 - 30% of ecosystem or habitat impacted in a significant way) with recovery in 1 to 2 years once impact halted.
Minor short term effect	Minor effects on biological or physical environment. Minor short term damage to small area of limited significance. 1 - 5% of ecosystem or habitat impacted with a recovery time in less than 1 year.
Low short effect	No lasting effect. Low level impacts on biological or physical environment. Limited damage to minimal area of low significance. Less than 1% of ecosystem or habitat impacted with a recovery time in less than 6 months.