

Table B.3 – Example of consequence or severity scale

Category	Operational			Financial			HSE		
	Outage at one site	Outage at multiple sites	National infrastructure and services	Cost (Million USD)	Legal	Public confidence	People onsite	People offsite	Environment
A (High)	>7 days	>1 day	Impacts multiple sectors or disrupts community services in a major way	>500	Felony criminal offense	Loss of brand image	Fatality	Fatality or major community incident	Citation by regional agency or long-term significant damage over large area
B (Medium)	<2 days	>1 hour	Potential to impact sector at a level beyond the company	>5	Misdemeanor criminal offense	Loss of customer confidence	Loss of work day or major injury	Complaints or local community impact	Citation by local agency
C (Low)	<1 day	<1 hour	Little to no impact to sectors beyond the individual company. Little to no impact on community.	<5	None	None	First aid or recordable injury	No complaints	Small, contained release below reportable limits

Although some standard risk matrices exist in different contexts individual projects and organizations typically create their own or tailor an existing risk matrix. Annex B provides several additional risk matrix examples (shown in Table B.4 through Table B.6) to emphasize to the reader that risk matrices can vary in dimensions, scale categories, colour coding, risk ranking, etc. It is critical that the entity facilitating the risk assessment obtain the correct risk matrix that has been approved by the asset owner for the facility that is being assessed.

Table B.4 – Example of a simple 3 x 3 risk matrix

Likelihood	Highly likely	Medium	High	High
	Possible	Low	Medium	High
	Unlikely	Low	Low	Medium
		Negligible	Moderate impact	Severe