

EAPL SHE Risk Matrix & Definitions

		Probability				
		A	B	C	D	E
Consequences	IV	3	4	4	4	4
	III	2	2	3	4	4
	II	1	1	2	3	4
	I	1(5)	1	1	2	3

Quantitative Interpretation Guidance (Probability of occurrence per year of exposure)	A	• Has happened several times at Site or many times in the Company	0.1 to 1 Midpoint: 0.3
	B	• Has happened once before at Site or several times in the Company	0.01 to 0.1 Midpoint: 0.03
C	• Has not happened before at Site or has happened several times in the Company	0.001 to 0.01 Midpoint: 0.003	
D	• Have been isolated occurrences in the Company or has happened several times in the Industry	0.0001 to 0.001 Midpoint: 0.0003	
E	• Practically impossible	< 0.0001	
Probability Range (1)	Qualitative Interpretation Guidance (annualized probability)		

Consequence Level (1)	Health and Safety	Environment Impact (4)	Community Impact	Direct Financial Loss (USD Gross) (2) (3)
I	<ul style="list-style-type: none"> One or more fatality(s) or serious injury requiring medical treatment for members of the public Potential widespread, long-term, significant adverse effects on the environment, including soil, air, or groundwater Protected species endangered or migratory path interrupted Major multifunctional emergency response (Tier 3) Significant, long-term cleanup extending over months 	<ul style="list-style-type: none"> Potential localized, medium-term, significant effects on the environment, including soil, air, or groundwater Sensitive species endangered or migratory path interrupted Intermediate level emergency response (Tier 2) Cleanup extending over weeks 	<ul style="list-style-type: none"> Significant public disruption Gas Shortfall >20% Extended national or international media coverage Large-scale evacuation Major road closure (> 24 hours) 	Corporate > 30M USD
II	<ul style="list-style-type: none"> Serious or lost time injury/illness 	<ul style="list-style-type: none"> Potential short-term, minor adverse effects on the environment, including soil, air, or groundwater Local emergency response (Tier 1) Cleanup work for days 	<ul style="list-style-type: none"> Small public disruption Gas shortfall between 10-20% One-time national or extended local media coverage Medium community impact (10-100 people) Small-scale evacuation Major road closure (> 24 hours) or secondary road closure (> 24 hours) 	Business 1M to 30M USD
III	<ul style="list-style-type: none"> Restricted work or medical treatment 	<ul style="list-style-type: none"> Minor or no cleanup required to facility or naturally dispersed 	<ul style="list-style-type: none"> Public complaints Gas shortfall between 5-10% One-time local media coverage Small community impact (< 10 people) Secondary road closure (< 24 hours) Public complaint (minor inconvenience) Gas shortfall <5% No media coverage Temporary closure of side road 	Site 100K to 1M USD
IV	<ul style="list-style-type: none"> First aid/minor injury 	<ul style="list-style-type: none"> Release may be fully confined to facility or naturally dispersed 	<ul style="list-style-type: none"> Other 	> 100K USD

Notes:

- To the extent possible, estimates of Probability and Consequence categories should be derived from experience during the life cycle of similar operations in ExxonMobil and its affiliates. Industry experience should be considered when limited ExxonMobil experience is available.
- Direct Financial Loss provides insight into the size of the SHE scenario under consideration. It captures the damage (gross direct losses) as a result of a fire, explosion or environmental response and remediation. It does not include lost or deferred production or opportunity.
- For scenarios with only business losses, and no SHE consequences, see the business loss guidelines.
- Further Environmental Impact guidance can be found in the Environmental Impact Assessment guide.
- Numbers on the risk matrix correspond to the risk categories.