

Risk-Ranking of Threats/Hazards

Provide an identifier (e.g., name) for the facility

High Alert Institute, Inc.

Date 8/7/2022 21:02

Instructions

1. Complete THAM
2. Complete RIST-V
3. Complete RIST-C

External Threats/Hazards

Threat/Hazard		T Threat	V Vulnerability	T x V	C Consequence	R Risk	Risk Category
1	Thunderstorm (Lightning)	4.0	0.12	0.5	1.0	0.47	LOW
2	Hail	2.9	0.14	0.4	1.0	0.42	LOW
3	Tornado	2.3	0.18	0.4	1.0	0.42	LOW
4	Damaging Winds	3.0	0.12	0.3	1.0	0.35	LOW
5	Subsidence (Sinkhole)	1.7	0.18	0.3	1.0	0.31	LOW
6	Cyber	4.0	0.06	0.2	1.0	0.23	LOW
7	Violent Crime	1.0	0.22	0.2	1.0	0.22	LOW
8	Property Crime	1.0	0.22	0.2	1.0	0.22	LOW
9	Terrorism	1.1	0.20	0.2	1.0	0.22	LOW
10	Flood	1.2	0.18	0.2	1.0	0.22	LOW
11	Wildfire	0.9	0.18	0.2	1.0	0.16	LOW
12	External Chemical HAZMAT Exposure, Highway	1.3	0.12	0.2	1.0	0.16	LOW
13	External Chemical HAZMAT Exposure, Pipeline	0.8	0.18	0.1	1.0	0.14	LOW
14	Drought	1.2	0.11	0.1	1.0	0.14	LOW
15	Space Weather	0.7	0.17	0.1	1.0	0.12	LOW
16	Extreme Heat	1.0	0.12	0.1	1.0	0.12	LOW
17	Flash Flood	0.6	0.16	0.1	1.0	0.10	LOW
18	Hurricane and Tropical Storm	0.5	0.18	0.1	1.0	0.09	LOW
19	Extreme Cold	0.5	0.17	0.1	1.0	0.09	LOW
20	Information Theft	0.5	0.16	0.1	1.0	0.08	LOW
21	Landslide	0.4	0.19	0.1	1.0	0.08	LOW
22	Snow Fall/Blizzard	0.6	0.12	0.1	1.0	0.07	LOW
23	External Chemical HAZMAT Exposure, Railway	0.6	0.12	0.1	1.0	0.07	LOW
24	External Chemical HAZMAT Exposure, Facilities	0.4	0.15	0.1	1.0	0.06	LOW
25	Ice Storm	0.4	0.14	0.1	1.0	0.06	LOW
26	Earthquake	0.3	0.19	0.1	1.0	0.06	LOW
27	Storm Surge	0.3	0.16	0.0	1.0	0.05	LOW
28	Active Shooter	0.2	0.23	0.0	1.0	0.05	LOW
29	External Chemical HAZMAT Exposure, Maritime	0.3	0.12	0.0	1.0	0.04	LOW
30	Annual Influenza Epidemic	0.4	0.06	0.0	1.0	0.02	LOW
31	Tsunami	0.1	0.19	0.0	1.0	0.02	LOW
32	Aircraft Crash at Facility/Asset	0.1	0.19	0.0	1.0	0.02	LOW
33	Volcano	0.1	0.16	0.0	1.0	0.02	LOW
34	Radiological Exposure, External	0.1	0.12	0.0	1.0	0.01	LOW

Local/Internal Hazards

Threat/Hazard		T Threat	V Vulnerability	T x V	C Consequence	R Risk	Risk Category
1	Infant/Child Abduction	4.0	0.23	0.9	1.0	0.92	LOW
2	VIP Situation	3.0	0.23	0.7	1.0	0.69	LOW
3	Civil Disturbance	3.0	0.23	0.7	1.0	0.69	LOW
4	Electrical Failure	4.0	0.12	0.5	1.0	0.49	LOW
5	HAZMAT Theft	2.0	0.23	0.5	1.0	0.46	LOW
6	Hostage Situation	2.0	0.23	0.5	1.0	0.46	LOW
7	Labor Action	2.0	0.23	0.5	1.0	0.46	LOW
8	Suspicious Package/Substance	3.0	0.15	0.5	1.0	0.46	LOW
9	Natural Gas Failure	3.0	0.13	0.4	1.0	0.38	LOW
10	Fuel Shortage	3.0	0.13	0.4	1.0	0.38	LOW
11	Gas/Emissions Leak	3.0	0.13	0.4	1.0	0.38	LOW
12	Generator Failure	3.0	0.12	0.4	1.0	0.36	LOW
13	Communications Failure	4.0	0.09	0.4	1.0	0.35	LOW
14	Supply Shortage	3.0	0.12	0.4	1.0	0.35	LOW
15	Flood, Internal	3.0	0.11	0.3	1.0	0.34	LOW
16	Information Systems Failure	4.0	0.08	0.3	1.0	0.33	LOW
17	Medical Gas Failure	4.0	0.08	0.3	1.0	0.33	LOW
18	Medical Vacuum Failure	4.0	0.08	0.3	1.0	0.33	LOW
19	Water Failure	4.0	0.08	0.3	1.0	0.31	LOW
20	HVAC Failure	3.0	0.08	0.2	1.0	0.25	LOW
21	Sewer Failure	3.0	0.08	0.2	1.0	0.25	LOW
22	Fire, Internal	3.0	0.08	0.2	1.0	0.25	LOW
23	Heliport Accident	2.0	0.12	0.2	1.0	0.25	LOW
24	Bomb Threat	1.0	0.22	0.2	1.0	0.22	LOW
25	Biological Exposure, Internal	3.0	0.06	0.2	1.0	0.18	LOW
26	Chemical HAZMAT Exposure, Internal	3.0	0.06	0.2	1.0	0.18	LOW
27	Fire Alarm Failure	2.0	0.08	0.2	1.0	0.16	LOW
28	Water Contamination	2.0	0.08	0.2	1.0	0.15	LOW
29	Radiological Exposure, Internal	N/A	0.06	N/A	1.0	0.00	
30	Violent Patient	N/A	0.18	N/A	1.0	0.00	
31	Forensic Admission	N/A	0.09	N/A	1.0	0.00	
32	Dam Inundation	N/A	0.19	N/A	1.0	0.00	
33	Steam Failure	N/A	0.08	N/A	1.0	0.00	
User-Defined Local Hazards	Filtration Failure	3.0	NA	NA	NA	NA	NA
	Aeration Failure	3.0	NA	NA	NA	NA	NA
	"Pond Crash"	3.0	NA	NA	NA	NA	NA
	User Defined Local Hazard 4	N/A	NA	NA	NA	NA	NA
	User Defined Local Hazard 5	N/A	NA	NA	NA	NA	NA