

Year: _____ Hazard Vulnerability Assessment

Location: _____

	<i>0 = Low 1 = Limited 2 = Substantial 3 = Major Event</i>	<i>0 = Low 1 = Limited 2 = Substantial 3 = Major Event</i>	<i>0 = None 1 = Rare 2 = Occasional 3 = Frequent Event</i>	<i>Total Risk Number</i>
HAZARD/EVENT	IMPACT ON PROPERTY/RESOURCES	IMPACT ON POPULATION	PROBABILITY	POPULATION IMPACT + PROPERTY IMPACT x PROBABILITY
SECURITY:				
Bomb Threat				
Crime Area				
Striking Workers				
Terrorist Activity				
Workplace Violence				
UTILITY:				
Gas Line Leak				
HVAC				
Communications				
Security Systems				
Sewage				
Water Main Break				
Fire Protection				
Electrical				
WEATHER:				
Level 3 Emergency				
Severe Rainfall/Flood				
Tornado/High Winds				

	<i>0 = Low</i> <i>1 = Limited</i> <i>2 = Substantial</i> <i>3 = Major Event</i>	<i>0 = Low</i> <i>1 = Limited</i> <i>2 = Substantial</i> <i>3 = Major Event</i>	<i>0 = None</i> <i>1 = Rare</i> <i>2 = Occasional</i> <i>3 = Frequent Event</i>	<i>Total Risk</i> <i>Number</i>
HAZARD/EVENT	IMPACT ON PROPERTY/RESOURCES	IMPACT ON POPULATION	PROBABILITY	POPULATION IMPACT + PROPERTY IMPACT x PROBABILITY
OTHER:				
Aviation Crash				
Chemical Spill				
Earthquake				
Explosion				
Fire				
Internal Water Leak				
Infectious Disease				
Landslide/Subsidence				

Scoring Assistance

I. Impact on Property

- a. **Low Impact (0)** There is little or no likelihood of this hazard affecting Center property or, one of its affiliates.
- b. **Limited (1)** Means that an occurrence would likely result in only light damage to property or equipment or minor financial consequences. Local resources would be adequate to repair or replace the damaged property. Financial impact < \$10K.
- c. **Substantial (2)** An event would likely result in moderate damage or major financial consequences. Damage to property may exceed local resources to repair or replace. Financial impact >\$10K and < = \$100K
- d. **Major (3)** Major impact means that an occurrence would likely result in heavy damage to property or equipment or catastrophic financial consequences. The magnitude may prevent the ability to sustain operations. Financial impact > \$100K

II. Impact on Population

- a. **Low Impact (0)** Low impact means that there is little likelihood of this hazard affecting the Center or its affiliates, or, if it occurs, there would be a minimal impact to a limited number of people.
- b. **Limited (1)** Limited impact means that an occurrence generally involves a threat to moderate number of people, with potential for few and/or minor injuries from such an occurrence.
- c. **Substantial (2)** Substantial impact means the potential to impact a significant number of people, and/or may involve more significant injury.
- d. **Major (3)** Major impact has the potential to involve loss of life.

III. Probability

- a. **Low (0)** An event is not likely to occur.
- b. **Rare (1)** An event is likely to occur less often than once every 30 years. Detection devices and preparation are likely to prevent or mitigate.
- c. **Occasional (2)** An event is likely to occur less often than once every 5 years but more often than once every 30 years.
- d. **Frequent (3)** An event is likely to occur more often than once every 5 years.

SECURITY:
Bomb Threat – A threat to the facility or employees
Crime Area – High Crime area, riot, or protest not linked to the facility
Striking Workers – Riot or protest linked to the facility
Terrorist Activity - Any activity meant to disrupt or destroy lives and property for social reasons
Workplace Violence – Violence against the facility or its persons on or near the facility
UTILITY:
Gas Line Leak – Natural or Propane gas leak or suspected leak
HVAC – Heating Ventilation and Cooling system disruption or destruction
Communications – Landline, cellular phones, radio, internet
Security Systems – includes electronic door locks, monitoring, prevention systems and security camera systems
Sewage – disruption or destruction of sewage disposal off site or at on site sewage system/septic
Water Main Break – Drinking Water
Fire Protection - Fire protection to include alarms and sprinklers
Electrical – electrical delivery or onsite electrical system
WEATHER:
Level 3 Emergency – Winter conditions that limit road travel to all but essential personnel
Severe Rainfall/Flood – flooding that affects the facility or travel to the facility
Tornado/High Winds – Tornadic or high wind weather events
OTHER:
Aviation Crash – Crash on site or offsite that would directly affect operations
Chemical Spill – Onsite spill or offsite spill that effects the facility, could be triggered by road or rail transport or a neighboring facility
Earthquake – Earthquake or other earth movement
Explosion – Onsite or off site effecting the facility or transport to and from the facility
Fire – Onsite or off site effecting the facility or transport to and from the facility
Internal Water Leak – Leak occurring in a system or utility that disrupts operation and safety of the facility
Infectious Disease – Any disease or outbreak effecting the health of employees or clients
Landslide/Subsidence – Any movement of land that causes disruption including sinkholes