Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

1=Worst Case, 2=Bad Case, 3= Negligible Case, 4=Better Case, 5= Best Case

1(x1), 2(x2), 3(x3), 4(x4), 5(x5)

Higher Score = **Lower** the risk
Lower Score = **Higher** the risk
Priority = **Ascending Worst Case** (High Priority – lower score) to **Best Case** (Low Priority – higher score)

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
NATURAL (N)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)
Earthquake											
Wildfire											
Landslide											
Blizzard/Snow/Cold											
Drought/Heat											
Flood											
Epidemic/Pandemic											
Severe Weather											
Thunderstorm											
Tornado											
Tsunami											
Avalanche											
Hurricane/Typhoon											
Haboob/Dust											
Volcanic/Erruption											

Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
NATURAL (N)	**High (x2)**	**Med (x3)**	**Low (x5)**	**High (x2)**	**Med (x3)**	**Low (x5)**	**Life (x1)**	**Safety (x2)**	**High (x2)**	**Med (x3)**	**Low (x5)**
Water Contamination											
Vector (animal)											
Vector (insect)											
Radiological Release											

COUNTERSPHERICS

Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
NATURAL (N)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

1=Worst Case, 2=Bad Case, 3= Negligible Case, 4=Better Case, 5= Best Case

1(x1), 2(x2), 3(x3), 4(x4), 5(x5)

Higher Score = **Lower** the risk
Lower Score = **Higher** the risk

Priority = **Ascending Worst Case** (High Priority – lower score) to **Best Case** (Low Priority – higher score)

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
HUMAN (H)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)
Active Shooter											
Terrorism, Chemical											
Terrorism, Biological											
Terrorism, Global											
Terrorism, Ethnic											
Bomb Threat											
Missing Person											
Lost Person											
Abduction											
Civil Unrest											
Hazmat Exposure											
Forensic Admission											
Workplace Violence											
Hostage Event											
IT Failure											

Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
HUMAN (H)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)
Barricaded Subject											
Staff Shortage/Sickout											
Workplace Strike											
Scandal											
Supply Chain											
Chemical Spill											
Water Contamination											
Arson/Fire											
Mass Casualty											
Train Derailment											
Process Failure											
Training Failure											
OSHA Safety Failoure											
Radiological Release											

COUNTERSPHER!CS

Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
HUMAN (H)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)

Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

__MERLENN® Operator System Use:__

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
HUMAN (H)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

1=Worst Case, 2=Bad Case, 3= Negligible Case, 4=Better Case, 5= Best Case

1(x1), 2(x2), 3(x3), 4(x4), 5(x5)

Higher Score = **Lower** the risk
Lower Score = **Higher** the risk

Priority = **Ascending Worst Case** (High Priority – lower score) to **Best Case** (Low Priority – higher score)

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
ENVIRONMENTAL (E)	**High (x2)**	**Med (x3)**	**Low (x5)**	**High (x2)**	**Med (x3)**	**Low (x5)**	**Life (x1)**	**Safety (x2)**	**High (x2)**	**Med (x3)**	**Low (x5)**
Harmful Exposure											
Structural Failure											
Heat Exhaustion											
Dehydration											
Hypothermia											
Power Failure											
Water Failure											
Sewer Failure											
Equipment Failure											
OSHA Safety Failure											
Contaminaiton											
Sanitary Conditions											
HVAC Failure											
Workplace Security											
Climate Acclimation											

COUNTERSPHERICS

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
ENVIRONMENTAL (E)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
ENVIRONMENTAL (E)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)

Hazard Vulnerability Sheet

Company: _____

Division: _____

Group: _____

Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

1=Worst Case, 2=Bad Case, 3= Negligible Case, 4=Better Case, 5= Best Case

1(x1), 2(x2), 3(x3), 4(x4), 5(x5)

Higher Score = **Lower** the risk
Lower Score = **Higher** the risk

Priority = **Ascending Worst Case** (High Priority – lower score) to **Best Case** (Low Priority – higher score)

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
TECHNOLOGICAL (T)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)
Fire, Internal											
Cyberattack											
IT Failure											
Harmful Exposure											
Structural Damage/Fail											
Fuel Shortage											
Supply Chain Failure											
Water Failure											
Sewer Failure											
Power Failure											
Flood, Internal											
Communications Fail											
Fire, Internal											
Cyberattack											
IT Failure											

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
TECHNOLOGICAL (T)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)
Natural Gas Failure											
Fire Alarm Failure											
HVAC Failure											
Transportation Failure											
Train Derailment											
Mass Casualty											
Machinery Failure											
Equipment Failure											
Electrical Failure											
Systems Failure											
Security Failure											
Manufacturing Failure											
Quality Failure											
Contamination											

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
TECHNOLOGICAL (T)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

Page #_____ of _____ Pages.

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

1=Worst Case, 2=Bad Case, 3= Negligible Case, 4=Better Case, 5= Best Case

1(x1), 2(x2), 3(x3), 4(x4), 5(x5)

Higher Score = **Lower** the risk
Lower Score = **Higher** the risk

Priority = **Ascending Worst Case** (High Priority – lower score) to **Best Case** (Low Priority – higher score)

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
MATRERIALS (M)	**High (x2)**	**Med (x3)**	**Low (x5)**	**High (x2)**	**Med (x3)**	**Low (x5)**	**Life (x1)**	**Safety (x2)**	**High (x2)**	**Med (x3)**	**Low (x5)**

Hazard Vulnerability Sheet

Company: _____
Division: _____
Group: _____
Date: _____

Rating 5	Low Risk Probability or Good Preparedness
Rating 4	Medium Risk Probability or Fair Preparedness
Rating 3	High Risk Probability or Poor Preparedness
Rating 2	Extreme Risk – Safety Issue
Rating 1	Severe Risk – Life Threatening Issue

Prioritization is Worst Cases are a higher mitigation/remediation priority than Best Cases. Address Worst Case Threats First!

Usage: MERLENN® Continuity Screen

MERLENN® Operator System Use:

On the **MERLENN® Continuity** screen select the **HVA** button to enter and or update the organization's Hazardous Vulnerability Assessment Ratings.

COMPOSITE SCORE:

Natural: _____ +

Human: _____ +

Technological: _____ +

Environment: _____ +

Materials: _____ +

Overall: _____ / 100

HAZARD/THREAT	PROBABILITY			PREPAREDNESS			RISK/DISRUPTION				
MATERIALS (M)	High (x2)	Med (x3)	Low (x5)	High (x2)	Med (x3)	Low (x5)	Life (x1)	Safety (x2)	High (x2)	Med (x3)	Low (x5)