

LOGO	<b>Risk Assessment Form – Inergen Gas</b>	<b>Doc Ref #:</b> XYZ/IMS/QHSE/F/00 <b>Issue Date:</b> DD-MM-YYYY <b>Rev #:</b> 00 Page 1 of 3
	<b>QHSE Forms</b>	
	<b>Organization Name</b>	

<b>Activity/Process</b>	Fire Suppression agent Usage	<b>Risk Assessment Reference #</b>	XYZ/IMS/QHSE/RA/		
<b>Assessed By</b>		<b>Assessment Date</b>		<b>Review Date</b>	

Activity	Hazards	Hazards Effects	Risk Rating Score			Control Measures	Residual Risk
			Likelihood	Severity	Risk Rating		
Fire Suppression Agent accidental release during installation, maintenance, handling and testing etc.	Asphyxiation	In high concentration the worker may face the asphyxiation due to lack of oxygen. Symptoms include loss of mobility, difficulty in breathing, unconsciousness etc.	4	3	12	<ul style="list-style-type: none"> <li>- Victim may be unconsciousness, wear SCBA before removing the victim to uncontaminated area.</li> <li>- Keep victim warm and in good position.</li> <li>- If victim is not breathing, give CPR.</li> <li>- Inform the emergency services.</li> <li>- Train the workers before start working with inergen gas.</li> <li>- Provision of PPEs</li> <li>- Oxygen detection system installation at working place.</li> </ul>	
	Gas under pressure	When heated, the container/ cylinder can explode and damage the surrounding area.	4	3	12	<ul style="list-style-type: none"> <li>- Place the cylinders at storage facility.</li> <li>- There should not be any source of heat near the facility.</li> <li>- Provision of heat and fire detection system at facility.</li> <li>- In case of fire due to explosion, use water spray or foam. Use of water jet to extinguish the fire.</li> </ul>	

LOGO	<b>Risk Assessment Form – Inergen Gas</b>					<b>Doc Ref #:</b> XYZ/IMS/QHSE/F/00 <b>Issue Date:</b> DD-MM-YYYY <b>Rev #:</b> 00 <b>Page 2 of 3</b>
	QHSE Forms					
	Organization Name					

						- Inform the emergency services.	
--	--	--	--	--	--	----------------------------------	--

Likelihood	Severity				
	Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Rare (1)	1	2	3	4	5
Possible (2)	2	4	6	8	10
Likely (3)	3	6	9	12	15
Often (4)	4	8	12	16	20
Frequent/ Almost Certain (5)	5	10	15	20	25

Risk	Risk Level	Required Actions
15-25	Extreme Risk	Activity or industry must not proceed in this form.
8-12	High Risk	Activity or industry should be modified to include remedial planning and collection and be subject to detailed EHS Risk Assessment.
4-6	Moderate Risk	Activity or industry can operate subject management and/ or modification.
1-3	Low Risk	No action required, unless risk level escalation is possible

Likelihood	Frequency		Likelihood
	Environment	Health and Safety	
Certain/ Frequent	Continuous or will happen frequently	Occurs Frequently	5
Very likely/ often	5-12 times a year	Occurs several times a year	4

LOGO	<b>Risk Assessment Form – Inergen Gas</b>	<b>Doc Ref #:</b> XYZ/IMS/QHSE/F/00 <b>Issue Date:</b> DD-MM-YYYY <b>Rev #:</b> 00 Page 3 of 3
	<b>QHSE Forms</b>	
	<b>Organization Name</b>	

Likely/ Probable	1-5 times a year	Has occurred more than once	3
Possible	Once every 5 year	Has occurred	2
Impossible/ Rare	Less than once every 5 years	Never occurred	1

<b>Prepared By</b>	<b>Approved By</b>