

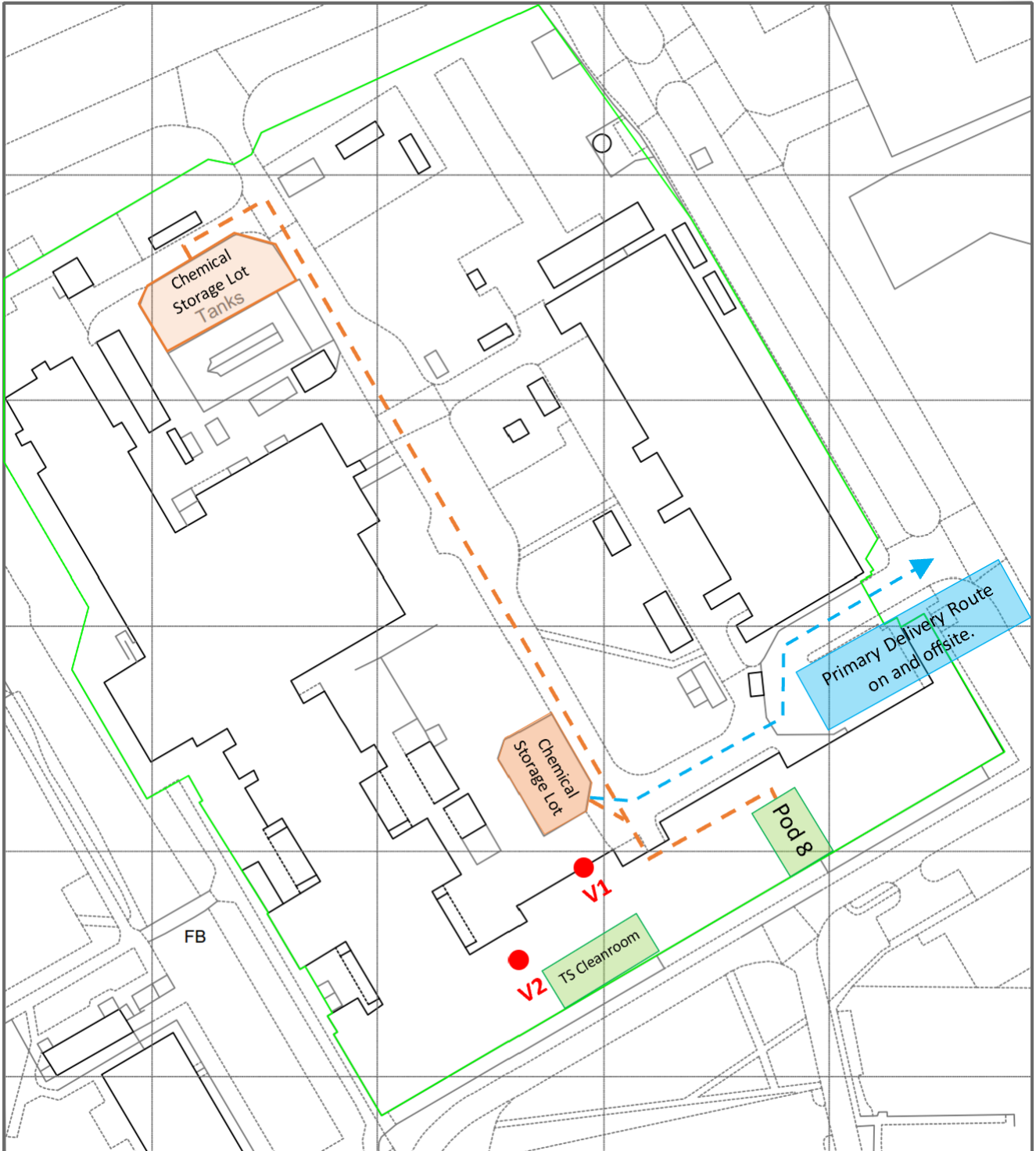
SELOXIUM

Fire Prevention Plan – Wilton site

Document Name	:	Fire Prevention Plan
Document Number	:	SLXDOC-04-EA-B2-5d
Revision	:	1.1
Issue Date	:	28/07/2024
Revision Date	:	18/09/2024
Classification	:	Confidential

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1 Fire Risk Assessment

ACTION	Fire Safety Risk Assessment	Location of Process or Activity
1-8	Sources of ignition and fuel.	Innovation Accelerator, Wilton
9-10	People at risk.	Innovation Accelerator, Wilton

ITEM	Description of Fire Hazard	What is the Risk?	Before Mitigation			Mitigations & Control Measures	Responsible Party	After Mitigation		
			Hazard Potential	Likelihood of Occurrence	Risk Rank			Hazard Potential	Likelihood of Occurrence	Risk Rank
1	Ignition of the Chemical Waste when stored in the Chemical Storage Lot.	Ignition source could provide sufficient energy to ignite stored waste.	MEDIUM	POSSIBLE	MEDIUM	<ol style="list-style-type: none"> Only ATEX rated equipment is allowed in the Chemical Storage Lot. Only Pneumatically driven pumps can be used in the area. Waste material is stored in UN Certified containers so fugitive emissions will be near zero. As such, there will not be any vapour to ignite. Smoking is only allowed in designated areas - well removed from the chemical storage lot. 	INCUBATION AREA OCCUPANTS	MEDIUM	RARE	LOW

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2	Ignition of waste material during processing.	Ignition source could provide sufficient energy to ignite waste.	MEDIUM	POSSIBLE	MEDIUM	<ol style="list-style-type: none"> 1. Only ATEX rated equipment is allowed in the processing unit. 2. The processing unit is continually ventilated to prevent the accumulation of processing vapour. 3. Condenser and/or wet scrubber will eliminate fugitive emission from the processing unit. 4. Smoking is only allowed in designated areas - well removed from the chemical storage lot. 5. The total volume of waste material in a Process Unit at any one time is 1000L, so the total flammable inventory is minimised. 	OPERATORS	MEDIUM	RARE	LOW
3	Ignition of the Chemical Waste when stored in the	Arson	MEDIUM	POSSIBLE	MEDIUM	<ol style="list-style-type: none"> 1. Waste is stored in a secure compound only accessible with a site pass. 2. Out of hours admission is controlled at the main site gate 	SECURITY	MEDIUM	RARE	LOW

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	Chemical Storage Lot.					<p>as well as by local swipe card access.</p> <p>3. During daytime hours, the area is very visible to the multiple occupants of the Innovation Accelerator, thus making it very hard for people to act maliciously.</p>				
4	Ignition of waste material during processing.	Arson	MEDIUM	POSSIBLE	MEDIUM	<p>1. The Innovation Accelerator has 24/7 security at the main site gate thus limiting access.</p> <p>2. Processing Units are only accessible by swipe card access.</p> <p>3. Out of hours admission is controlled at the main site gate as well as by local swipe card access.</p> <p>4. During daytime hours, the process units are regularly manned so the opportunity for malicious activity is limited.</p> <p>5. The total volume of waste material in a Process Unit at any one time is 1000L, so the total flammable inventory is minimised.</p>	OPERATORS	MEDIUM	RARE	LOW
5	Ignition of other combustible material in the	Poor Housekeeping and	LOW	UNLIKELY	LOW	<p>1. Only chemicals are allowed to be stored in the Chemical Storage Lot, and only if they are stored in appropriate</p>		VERY LOW	RARE	NEGLIGIBLE

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	Chemical Storage Lot.	accumulation of combustibles.				<p>containers. The contents of the chemical storage lot are overseen by the owners of the Innovation Accelerator to ensure consistency.</p> <ol style="list-style-type: none"> The Chemical storage lot is located 30m away from the site general waste storage so the likelihood of a fire passing between the two areas is small. Waste contractors work on site to remove general waste as it is generated so it is not allowed to accumulate. Smoking is only allowed in designated areas - well removed from the chemical storage lot. 				
6	Ignition of other combustible material in the Processing Area.	Poor Housekeeping and accumulation of combustibles.	LOW	UNLIKELY	LOW	<ol style="list-style-type: none"> Any combustible material to be removed from the processing area as it is generated. Other combustibles such as Wood, Paper, Textiles are kept to an absolute minimum. All other chemicals are stored and segregated in certified COSHH cabinets. Only ATEX rated equipment is allowed in the processing unit - removing ignition sources. 	OPERATORS	VERY LOW	RARE	NEGLIGIBLE

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						5. Smoking is only allowed in designated areas – removing ignition sources.				
7	Maintenance Contractors working in the Processing Units	Sparking Equipment	LOW	UNLIKELY	LOW	<ol style="list-style-type: none"> Any hot works to be undertaken under a permit. All flammable and combustible materials to be eliminated from the working area. Fire watcher to be present when undertaking hot works. All waste materials to be removed from the unit and stored in the Chemical Storage Lot until works are complete. 	OPERATORS	VERY LOW	RARE	NEGLIGIBLE
8	Maintenance Contractors working in the Processing Units	Poor Housekeeping and accumulation of combustibles.	LOW	UNLIKELY	LOW	<ol style="list-style-type: none"> Any combustible material to be removed from the area as it is generated. Other combustibles such as Wood, Paper, Textiles are kept to an absolute minimum. All other chemicals are stored and segregated in certified COSHH cabinets. Any hot works to be undertaken under a permit. Fire watcher to be present when undertaking hot works. 	OPERATORS	VERY LOW	RARE	NEGLIGIBLE
9	Impact of Fire on People	Staff Injured by Fire	LOW	UNLIKELY	LOW	1. The Wilton Incubation Accelerator is equipped with a site wide fire alarm system.	OPERATORS	VERY LOW	RARE	NEGLIGIBLE

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						<ol style="list-style-type: none"> 2. The fire alarm system is tested weekly. 3. System installed with sounders and beacons to alert those with hearing and visual impairment. 4. Multiple escape locations are available for each of the processing units. 5. Most processing units are single story with direct access to muster points. 6. Staff that are less mobile will work in the Process Units that are single story to facilitate evacuation. 7. Where multiple stories are used for processing, each story will have a minimum to two escape routes. 8. The Wilton International site has its own, permanent, dedicated fire brigade which will respond to any fire emergencies. 				
10	Impact of Fire on People	Damage to neighbouring business / harm to third parties	LOW	UNLIKELY	LOW	<ol style="list-style-type: none"> 1. The Wilton Incubation Accelerator is equipped with a site wide fire alarm system. 2. The fire alarm system is tested weekly. 3. System installed with sounders and beacons to alert those with hearing and visual impairment. 	INCUBATION AREA OCCUPANTS	VERY LOW	RARE	NEGLIGIBLE

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						<ol style="list-style-type: none"> 4. Multiple escape routes are available for all occupants of the Innovation Accelerator. 5. The Wilton International site has its own, permanent, dedicated fire brigade which will respond to any fire emergencies. 				
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PROBABILITY	ALMOST CERTAIN (5)	0	5	10	15	20	25	Critical Risk
	LIKELY (4)	0	4	8	12	16	20	High Risk
	POSSIBLE (3)	0	3	6	9	12	15	Medium Risk
	UNLIKELY (2)	0	2	4	6	8	10	Low Risk
	RARE (1)	0	1	2	3	4	5	Negligible Risk
	IMPOSSIBLE (0)	0	0	0	0	0	0	Nil Risk
			NONE (0)	VERY LOW (1)	LOW (2)	MEDIUM (3)	HIGH (4)	VERY HIGH (5)
		IMPACT						

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