

**Freedom of Information Request AS190521**

- 1. Does NHSCT have any current contracts, tenders or Single Tender Actions to supply Hypochlorous Acid to any part of the organisation. If Yes, can you please provide details of the successful tender.**

NHSCT has no contract/tender/STA for Hypochlorous Acid.

- 2. Has NHSCT considered any previous tenders to provide Hypochlorous Acid to HSC bodies. If yes, please provide details of the tender and its outcome.**

No.

- 3. Has NHSCT considered the use of Hypochlorous Acid at any stage as a viable option for mass sterilisation and disinfection within both clinical and non clinical settings within the HSC remit.**

No.

- 4. Please provide the risk assessment for the continued use of bio fogging if used on trust property**

See attached Risk Assessment for VHP machine.

# General Risk Assessment Northern Trust (GRANT)



## Instructions

This document is intended to be used for recording Ward/Department health and safety risk assessments. These risk assessments should only be completed by Trust staff who have attended the Trust's Risk Assessment Principles and Practice Training Programme delivered by the Trust's Health and Safety Advisor. The risk assessment must take account of all of the activities undertaken in the Ward/Department.

The risk assessment process

1. Identify all hazards arising out of work carried out by/in the Ward/Department such as chemicals, lone working and manual handling.
2. Identify all people who may potentially be exposed to those hazards including staff, service users, visitors and contractors etc and how they might be harmed.
3. Identify the control measures currently in place to control the risk arising from the hazards identified and evaluate the risk using the Trust's Risk Matrix (see Appendix 1). Then consider whether those risks are being suitably controlled and if not decide on the additional control measures which need to be introduced.
4. Prepare your action plan to implement the additional control measures and record all of your findings on the GRANT Form on page 2 and 3.
5. The risk assessment must be reviewed at least every 3 years or sooner following, for example, a significant incident, the introduction of new equipment or a new process or identification of other activities or hazards in the Ward/Department.

Depending on the type of workplace being assessed, templates can be obtained from the GRANT section of the Health and Safety Business Area including for inpatient wards, fieldwork and offices. Further templates may be added in due course.

Completed risk assessments must be held within the Ward/Department to which it relates and it brought to the attention of all relevant staff. A copy must be forwarded to your Directorate Governance Lead who will record completion on the GRANT Record Sheet (see Appendix 2).

**Department:** Domestic Services      **Completed by:** \_\_\_\_\_ **Date:** 23/5/2019

**Signature:** \_\_\_\_\_



**Review date:** 20/5/2021

Hazard	Who might be harmed and how	Control measures in place	Current level of risk	Additional control measures required	Level of risk on completion	Action to be taken by	Date by which to be completed	Date completed and signature
Exposure to Hydrogen Peroxide	Staff operating the equipment and any other persons in the general vicinity	Staff are trained in the use of the VHP and the Drager Detection device.	$2 \times 2 = 4$ = Low	Staff to receive refresher training annually.	$2 \times 2 = 4$ = Low			
		Only authorised staff to use the machine.	$1 \times 1 = 1$ = Low	New staff to be formally authorised. (time limited with refresher training)	$1 \times 1 = 1$ = Low			
		All staff must undertake COSHH awareness training at least once every 3 years.	$1 \times 2 = 2$ = Low	Checks undertaken annually to ensure staff have completed COSHH training as per Trusts guidance.	$1 \times 2 = 2$ = Low			
		VHP undergoes an annual maintenance inspection.	$2 \times 2 = 4$ = Low	The VHP will be taken out of service if the annual maintenance inspection is not completed /overdue or if the Fogger fails the inspection.	$2 \times 2 = 4$ = Low			
		Dragger Detection device is calibrated annually to ensure it is working correctly.	$1 \times 4 = 4$ = High	The VHP will be taken out of service if the Dragger Detection device is found to be defective or has not been calibrated as per manufacturers guidance.	$1 \times 4 = 4$ = High			
		Procedures are reviewed yearly, following any accidents or incidents and amended as necessary.						
		COSHH assessment completed for Hydrogen Peroxide and reviewed biannually						

Hazard	Who might be harmed and how	Control measures in place	Current level of risk	Additional control measures required	Level of risk on completion	Action to be taken by	Date by which to be completed	Date completed and signature
Moving and handling	Staff moving the VHP	<p>All staff authorised to use the VHP will have completed Safer Load Handling</p> <p>All staff authorised to use the VHP will have completed Safer Load Handling refresher training if necessary as per Trust Guidance</p> <p>Only staff who have attended the necessary training will be authorised to move the vhp machine.</p>	<p><math>3 \times 2 = 6</math> = Medium</p> <p><math>3 \times 2 = 6</math> = Medium</p>	<p>Load handling assessment to be completed for the handling of the VHP machine to determine risk and suitable control measures if necessary.</p> <p>Checks to be carried out annually to ensure staff have attended the relevant training as per Trust Guidance.</p>	<p><math>2 \times 2 = 4</math> = Low</p> <p><math>3 \times 2 = 6</math> = Medium</p>			
Electricity	Staff operating the equipment and any other persons in the general vicinity	<p>The VHP is subject to annual maintenance.</p> <p>Staff undertake pre-use visual checks and report faults immediately.</p>	<p><math>1 \times 5 = 5</math> = High</p> <p><math>1 \times 5 = 5</math> = High</p>	<p>Machine taken out of service if maintenance is overdue or if faults have been detected.</p> <p>Ensure PAT testing is completed annually</p>	<p><math>1 \times 5 = 5</math> = High</p> <p><math>1 \times 5 = 5</math> = High</p>			

## Appendix 1

**Regional Risk Matrix**

DOMAIN	IMPACT (CONSEQUENCE) LEVELS [can be used for both actual and potential]				
	INSIGNIFICANT (1)	MINOR (2)	MODERATE (3)	MAJOR (4)	CATASTROPHIC (5)
<b>PEOPLE</b> <i>(Impact on the Health/Safety/Welfare of any person affected: e.g. Patient/Service User, Staff, Visitor, Contractor)</i>	<ul style="list-style-type: none"> <li>Near miss, no injury or harm.</li> </ul>	<ul style="list-style-type: none"> <li>Short-term injury/minor harm requiring first aid/medical treatment.</li> <li>Minimal injury requiring no/ minimal intervention.</li> <li>Non-permanent harm lasting less than one month (1-4 day extended stay).</li> <li>Emotional distress (recovery expected within days or weeks).</li> <li>Increased patient monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Semi-permanent harm/disability (physical/emotional injuries/trauma) (Recovery expected within one year).</li> <li>Increase in length of hospital stay/care provision by 5-14 days.</li> </ul>	<ul style="list-style-type: none"> <li>Long-term permanent harm/disability (physical/emotional injuries/trauma).</li> <li>Increase in length of hospital stay/care provision by &gt;14 days.</li> </ul>	<ul style="list-style-type: none"> <li>Permanent harm/disability (physical/ emotional trauma) to more than one person.</li> <li>Incident leading to death.</li> </ul>
<b>QUALITY &amp; PROFESSIONAL STANDARDS/ GUIDELINES</b> <i>(Meeting quality/ professional standards/ statutory functions/ responsibilities and Audit Inspections)</i>	<ul style="list-style-type: none"> <li>Minor non-compliance with internal standards, professional standards, policy or protocol.</li> <li>Audit / Inspection – small number of recommendations which focus on minor quality improvements issues.</li> </ul>	<ul style="list-style-type: none"> <li>Single failure to meet internal professional standard or follow protocol.</li> <li>Audit/Inspection – recommendations can be addressed by low level management action.</li> </ul>	<ul style="list-style-type: none"> <li>Repeated failure to meet internal professional standards or follow protocols.</li> <li>Audit / Inspection – challenging recommendations that can be addressed by action plan.</li> </ul>	<ul style="list-style-type: none"> <li>Repeated failure to meet regional/ national standards.</li> <li>Repeated failure to meet professional standards or failure to meet statutory functions/ responsibilities.</li> <li>Audit / Inspection – Critical Report.</li> </ul>	<ul style="list-style-type: none"> <li>Gross failure to meet external/national standards.</li> <li>Gross failure to meet professional standards or statutory functions/ responsibilities.</li> <li>Audit / Inspection – Severely Critical Report.</li> </ul>
<b>REPUTATION</b> <i>(Adverse publicity, enquiries from public representatives/media Legal/Statutory Requirements)</i>	<ul style="list-style-type: none"> <li>Local public/political concern.</li> <li>Local press &lt; 1day coverage.</li> <li>Informal contact / Potential intervention by Enforcing Authority (e.g. HSE/NIFRS).</li> </ul>	<ul style="list-style-type: none"> <li>Local public/political concern.</li> <li>Extended local press &lt; 7 day coverage with minor effect on public confidence.</li> <li>Advisory letter from enforcing authority/increased inspection by regulatory authority.</li> </ul>	<ul style="list-style-type: none"> <li>Regional public/political concern.</li> <li>Regional/National press &lt; 3 days coverage. Significant effect on public confidence.</li> <li>Improvement notice/failure to comply notice.</li> </ul>	<ul style="list-style-type: none"> <li>MLA concern (Questions in Assembly).</li> <li>Regional / National Media interest &gt;3 days &lt; 7days. Public confidence in the organisation undermined.</li> <li>Criminal Prosecution.</li> <li>Prohibition Notice.</li> <li>Executive Officer dismissed.</li> <li>External Investigation or Independent Review (eg. Ombudsman).</li> <li>Major Public Enquiry.</li> </ul>	<ul style="list-style-type: none"> <li>Full Public Enquiry/Critical PAC Hearing.</li> <li>Regional and National adverse media publicity &gt; 7 days.</li> <li>Criminal prosecution – Corporate Manslaughter Act.</li> <li>Executive Officer fined or imprisoned.</li> <li>Judicial Review/Public Enquiry.</li> </ul>
<b>FINANCE, INFORMATION &amp; ASSETS</b> <i>(Protect assets of the organisation and avoid loss)</i>	<ul style="list-style-type: none"> <li>Commissioning costs (£) &lt;1m.</li> <li>Loss of assets due to damage to premises/property.</li> <li>Loss – £1K to £10K.</li> <li>Minor loss of non-personal information.</li> </ul>	<ul style="list-style-type: none"> <li>Commissioning costs (£) 1m – 2m.</li> <li>Loss of assets due to minor damage to premises/ property.</li> <li>Loss – £10K to £100K.</li> <li>Loss of information.</li> <li>Impact to service immediately containable, medium financial loss</li> </ul>	<ul style="list-style-type: none"> <li>Commissioning costs (£) 2m – 5m.</li> <li>Loss of assets due to moderate damage to premises/ property.</li> <li>Loss – £100K to £250K.</li> <li>Loss of or unauthorised access to sensitive / business critical information</li> <li>Impact on service contained with assistance, high financial loss</li> </ul>	<ul style="list-style-type: none"> <li>Commissioning costs (£) 5m – 10m.</li> <li>Loss of assets due to major damage to premises/property.</li> <li>Loss – £250K to £2m.</li> <li>Loss of or corruption of sensitive / business critical information.</li> <li>Loss of ability to provide services, major financial loss</li> </ul>	<ul style="list-style-type: none"> <li>Commissioning costs (£) &gt; 10m.</li> <li>Loss of assets due to severe organisation wide damage to property/premises.</li> <li>Loss – &gt; £2m.</li> <li>Permanent loss of or corruption of sensitive/business critical information.</li> <li>Collapse of service, huge financial loss</li> </ul>

DOMAIN	IMPACT (CONSEQUENCE) LEVELS [can be used for both actual and potential]				
	INSIGNIFICANT (1)	MINOR (2)	MODERATE (3)	MAJOR (4)	CATASTROPHIC (5)
<b>RESOURCES</b> <i>(Service and Business interruption, problems with service provision, including staffing (number and competence), premises and equipment)</i>	<ul style="list-style-type: none"> <li>Loss/ interruption &lt; 8 hour resulting in insignificant damage or loss/impact on service.</li> <li>No impact on public health social care.</li> <li>Insignificant unmet need.</li> <li>Minimal disruption to routine activities of staff and organisation.</li> </ul>	<ul style="list-style-type: none"> <li>Loss/interruption or access to systems denied 8 – 24 hours resulting in minor damage or loss/ impact on service.</li> <li>Short term impact on public health social care.</li> <li>Minor unmet need.</li> <li>Minor impact on staff, service delivery and organisation, rapidly absorbed.</li> </ul>	<ul style="list-style-type: none"> <li>Loss/ interruption 1-7 days resulting in moderate damage or loss/impact on service.</li> <li>Moderate impact on public health and social care.</li> <li>Moderate unmet need.</li> <li>Moderate impact on staff, service delivery and organisation absorbed with significant level of intervention.</li> <li>Access to systems denied and incident expected to last more than 1 day.</li> </ul>	<ul style="list-style-type: none"> <li>Loss/ interruption 8-31 days resulting in major damage or loss/impact on service.</li> <li>Major impact on public health and social care.</li> <li>Major unmet need.</li> <li>Major impact on staff, service delivery and organisation - absorbed with some formal intervention with other organisations.</li> </ul>	<ul style="list-style-type: none"> <li>Loss/ interruption &gt;31 days resulting in catastrophic damage or loss/impact on service.</li> <li>Catastrophic impact on public health and social care.</li> <li>Catastrophic unmet need.</li> <li>Catastrophic impact on staff, service delivery and organisation - absorbed with significant formal intervention with other organisations.</li> </ul>
<b>ENVIRONMENTAL</b> <i>(Air, Land, Water, Waste management)</i>	<ul style="list-style-type: none"> <li>Nuisance release.</li> </ul>	<ul style="list-style-type: none"> <li>On site release contained by organisation.</li> </ul>	<ul style="list-style-type: none"> <li>Moderate on site release contained by organisation.</li> <li>Moderate off site release contained by organisation.</li> </ul>	<ul style="list-style-type: none"> <li>Major release affecting minimal off-site area requiring external assistance (fire brigade, radiation, protection service etc).</li> </ul>	<ul style="list-style-type: none"> <li>Toxic release affecting off-site with detrimental effect requiring outside assistance.</li> </ul>

Likelihood Scoring Table			
Likelihood Scoring Descriptors	Score	Frequency (How often might it/does it happen?)	Time framed Descriptions of Frequency
Almost certain	5	Will undoubtedly happen/recur on a frequent basis	Expected to occur at least daily
Likely	4	Will probably happen/recur, but it is not a persisting issue/circumstances	Expected to occur at least weekly
Possible	3	Might happen or recur occasionally	Expected to occur at least monthly
Unlikely	2	Do not expect it to happen/recur but it may do so	Expected to occur at least annually
Rare	1	This will probably never happen/recur	Not expected to occur for years

Likelihood Scoring Descriptors	Impact (Consequence) Levels				
	Insignificant(1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
<b>Almost Certain (5)</b>	<b>Medium</b>	<b>Medium</b>	<b>High</b>	<b>Extreme</b>	<b>Extreme</b>
<b>Likely (4)</b>	<b>Low</b>	<b>Medium</b>	<b>Medium</b>	<b>High</b>	<b>Extreme</b>
<b>Possible (3)</b>	<b>Low</b>	<b>Low</b>	<b>Medium</b>	<b>High</b>	<b>Extreme</b>
<b>Unlikely (2)</b>	<b>Low</b>	<b>Low</b>	<b>Medium</b>	<b>High</b>	<b>High</b>
<b>Rare (1)</b>	<b>Low</b>	<b>Low</b>	<b>Medium</b>	<b>High</b>	<b>High</b>

Appendix 2

General Risk Assessment Northern Trust (GRANT) Record Sheet

Service area	Department	Date initial risk assessment completed	Date risk assessment last review	Date risk assessment next review	Comments	Contact person