

CIPHER Medical Standard Risk Assessment Form

Person Completing:	Adam Howell	Role/Title:	Logistics Team Leader/H&S Officer	Date:	02/02/2023
Review required on or before:	02/02/2024	Director Responsible:	Andrew Thomas		
Task/Hazard/Practice being Risk Assessed:	5 Limeoak Way – Legionella Risk Assessment				

1. Consequence Impact Assessment

1) Measure Consequence					
Choose one of the descriptors below, consider each domain and section and judge what the most realistic scenario would be if the event occurred, The most serious consequence identified determines the score.					
Score	1	2	3	4	5
Domain	Insignificant	Minor	Moderate	Major	Catastrophic
Patient Experience	Unsatisfactory patient experience and directly related to patient care.	Unsatisfactory patient experience readily resolvable.	Mismanagement of patient care	Serious Mismanagement of patient care	Totally unsatisfactory patient outcome or experience
Injury	No apparent injury. Minor injury not requiring first aid	Minor injury. First aid treatment e.g. laceration/sprain, anxiety with < 3 days off work	Medical treatment required. Temporary incapacity, injury or harm, e.g. short term monitoring Injury requiring > 3 days sickness RIDDOR/Agency reportable	Permanent injury or harm. Injury requiring major clinical intervention long term incapacity/disability Long term staff sickness > 4 weeks	Death or major permanent incapacity
Complaints/ Claims	Locally resolved complaint (informal)	Formal complaint possible. Justified complaint peripheral to clinical care	Formal complaint likely - regarding delivery of care. Litigation possible	Serious complaint anticipated with multiple issues. Litigation expected Multiple justified complaints	Multiple claims or single major claim expected
Adverse Publicity/ Reputation	Not expected	Local media - interest possible but short term	Local media - potential for long term adverse publicity	Probable national media interest (short term). Public confidence undermined.	National media interest >3days. Public confidence undermined. Extreme adverse publicity for Trust
Service/ Business Interruption	Interruption which does not impact on delivery of service	Short term disruption <1hr - minimal impact on delivery of service.	Non permanent loss of ability to provide service >1hr < TBA Some disruption to delivery of service	Sustained loss of service >TBA, with major impact. Major contingency plans invoked	Permanent loss of core service or facility. Disruption to service leading to significant 'knock on' effect across health economy

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Finance	Small loss	Loss >0.1% of Trust budget	Loss >0.25% of Trust budget	Loss >0.5% of Trust budget	Loss >1% of Trust budget
Inspection/ Audit	Small number of recommendations which focus on minor improvement/non compliance issues - can be addressed by a department	Minor recommendations made which can be addressed by low level of management action	Challenging recommendations made but can be addressed with appropriate action plan. Potential for minor negative impact on Performance Ratings	Enforcement action expected. Critical report. Significant negative impact on performance ratings	Prosecution expected. Severely critical report Will lead to rating of 'Weak' in Quality or Use of Resources
Staffing	Short term low staffing level (<= 1 day) where there is no actual disruption to service delivery)	Ongoing low staffing level resulting in minor disruption to service/delivery of care	Ongoing problems with level of staffing leading to delay/moderate disruption to service delivery/patient care. Minor errors resulting	Serious ongoing problems with staffing levels leading to serious disruption in service delivery , Serious errors resulting	Non delivery of service due to lack of staff. Non delivery of key or service objectives due to lack or loss of key staff.
Objectives/ Projects	Insignificant cost increase/schedule slippage. Barely noticeable reduction in scope or quality	> 5% over budget, schedule slippage. Minor reduction in quality/scope	10% over budget, schedule slippage , reduction in scope/quality. Moderate business interruption	10-25% over budget, schedule slippage. Doesn't meet secondary objectives. Major business interruption	>25% over budge. Schedule slippage. Doesn't meet primary objectives. Reputation of the Trust severely damaged

2. Qualitative Measure of Likelihood Assessment

Score	Descriptor	Description
1	Rare	Not expected to happen again
2	Unlikely	May happen but in exceptional or unusual circumstances
3	Possible	The event may re-occur occasionally
4	Likely	The event will probably re-occur
5	Certain	The event is likely to re-occur on many occasions

3. Likelihood v Consequence Total Risk Rating

	Likelihood score				
Impact score	1 Rare	2 Unlikely	3 Possible	4 Likely	5 Almost certain
5 Catastrophic	5	10	15	20	25
4 Major	4	8	12	16	20
3 Moderate	3	6	9	12	15
2 Minor	2	4	6	8	10
1 Negligible	1	2	3	4	5

4. Action to Be Taken

	LOW 1-6	MED 8-12	HIGH 15-25
Preventative Measures to be Taken or Planned	Manage by routine procedure. Implement any action that will eliminate the risk of the incident /risk occurring	Senior Management action needed. The responsible Director must be aware and Lead Manager must devise and implement an action plan to control, reduce or eliminate the risk. Risk must be inputted onto the Corporate Risk Register.	Immediate action required. The Risk Managers and Executive Management Team must be made aware and are responsible for ensuring an investigation and action plan is commenced immediately to reduce, control or eliminate the risk. The risk must be entered onto the Corporate Risk Register

5. Risks Identified

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HSE Currently advised a legionella risk assessment be conducted to identify the risks to your water system. HSE identify the following as key risks:

- water is stored or re-circulated as part of your system
- the water temperature in some or all parts of the system is between 20–45 °C
- there are sources of nutrients such as rust, sludge, scale and organic matters
- conditions are present to encourage bacteria to multiply
- it is possible for water droplets to be produced and, if so, whether they could be dispersed over a wide area, eg showers and aerosols from cooling towers

Although our water system does not meet any of the above we have conducted a risk assessment.

Nature of Risk Identified	Likelihood Score	Potential Impact	Impact Score	Total Risk Rating	Existing Measures in Place	Action to Take	Owner of Action	Completion by	Complete Y/N Date
Re – Circulating Water	1	N/A No water tank is stored onsite and all water comes direct from mains supply	1	1	No internal tank , no action				
Water temperature	1	N/A Water temperatures are generally below 20 degrees within the UK and our building is mains supplied so no standing water.	2	2	External flowing water source				
Sources of nutrients	2	Rust, sludge and scale etc in pipes can provide a source of growth. System was fully chemically flushed when moved into building in Mar 21	2	4	Flushed within last 2 months, Heavy usage in water system due to 24/7 operations.				
Showers etc	1	No showers in building	1	1	No showers				
Germal	2	Potential for Legionella Disease/poisoning. – Additional measures	2	4	All taps within the building are used regularly by staff. Monthly flushing of all water outlets will take place and be recorded by H&S Advisor. Staff reminded about their responsibilities in regards to legionella. Safety checks to be carried out on all water outlets. Due to the use the water outlets get they are low risk and don't have the potential to cause any risk to users.				

					There is no redundant pipe work in the building. Building use is medium and thus all water sources are in daily use reducing any standing water.				
Signature of completing manager			Date		Designation				
A Howell			02/02/2023		Logistics Team Leader / Health and Safety Officer				
Signature of Responsible Director			02/02/2023		CEO/Consultant Paramedic				
d. J.									
Due for Review			02/02/2024						