

Leopold PRIMARY SCHOOL - WORKPLACE RED ALERT EXTREME HEAT - RISK ASSESSMENT

Risk Assessment Title: LPS RA	Date of Assessment: (15 th July 2022)
Risk Assessment Context:	<p>The Met Office has today, 15th July 2022, issued a red alert (the highest warning) of extreme heat in London for Monday 18th & Tuesday 19th July 2022. Temperatures are set to rise above 37 Degrees Celsius and it is most likely a new maximum temperature will be reached. The UK Health Security Agency (UKHSA) has also increased its heat health warning to level four - a "national emergency". Level four is reached when "a heatwave is so severe and/or prolonged that its effects extend outside the health and social care system". Temperatures are expected to start to return closer to normal for the time of year from Wednesday 20th July as cooler air pushes across the country and our school opening and closing times will return to normal.</p> <p>In order to ensure the continued safety of all pupils, staff and the wider school community, the Leadership of the school have risk assessed against the dangers of a Red Alert Extreme Heat warning. The school has put in place a number of measures and adjustments for 18th & 19th July 2022.</p>

Location: School Premises	Operation/Process: Red Alert Extreme Heat controls	Extreme heat common symptoms: - Dehydration - Heat Exhaustion - include weakness, feeling faint, headache, muscle cramps, feeling sick, heavy sweating and intense thirst - Heatstroke - is where the body is no longer able to cool itself and a person's body temperature becomes dangerously high. Heatstroke is less common, but more serious. Untreated symptoms include confusion, seizures and loss of consciousness	Frequency of exposure: Various Duration of exposure: Various
	Equipment to be used: , Handwashing Basins with hot water, soap and towels / hand dryer, drinking water, Alcohol Gel / Foam dispensers, Cleaning Wipes and Disinfectant,		Monitoring Required: If exposed
COSHH Assessment Required? No	Substances to be used: Alcohol Gel / Foam, Hand Soap, Cleaning Wipes		
Manual Handling Assessment Required? No			
Noise Assessment Required? No			

Likelihood of Occurrence (L)	Severity Rating (S)				
	Major	Serious	Significant	Minor	Negligible
Certain	25	20	15	10	5
Occasionally	20	16	12	8	4
Probable	15	12	9	6	3
Unlikely	10	8	6	4	2
Improbable	5	4	3	2	1

Table S2 Severity Rating (S)

1	Negligible	Slight, no potential risk of injuries, no significant effect on health and safety
2	Minor	Minor injuries or equipment damage, minimal effect on health and safety
3	Significant	Significant injuries or multiple minor injuries, equipment damage and effect on health and safety
4	Serious	Severe/multiple injuries, equipment damage or major environmental effect that can be controlled
5	Extreme	Death and/or serious structural damage or major environmental effect that cannot be controlled

Table S3 Likelihood Rating (L)

1	Improbable	A highly unlikely event
2	Unlikely	An unlikely event, could occur if control measures are disregarded
3	Probable	An event which may occur despite existing control measures
4	Occasionally	An event likely to occur unless control measures are improved
5	Certain	An event which will occur unless immediate controls are applied

Table S4 Scoring Matrix (R)

1-4	Low	Activities in this category present minimal levels of impact or risk and are unlikely to occur, proceed with these activities as planned and monitor against objectives
5-9	Medium	Activities in this category present minor levels of impact or risk. The application of risk management strategies to reduce the impact or risk is advised. Consider ways of modifying the process or implementing controls to reduce the impacts and risks to as low as reasonably practicable (ALARP)
10 +	Serious	Activities in this category present serious and unacceptable levels of impact or risk. Consider ways of modifying the process and implementing controls to reduce the impacts and risks to as low as reasonably practicable (ALARP). Additional control measures and monitoring may be required.
15 +	High	Activities in this category present high levels of impact or risk and should not be allowed to proceed without very careful planning. Consider consulting specialists. The company should evaluate whether the activity is necessary in the first place or whether alternative processes are available.
20 +	Extreme	Activities in this category present extreme levels of impact or risk, such as loss of life or breach of legislation and must not be undertaken.

The risk rating (R) is calculated by multiplying the likelihood (L) by the severity (S), $L \times S = R$. In this way, the potential of a risk affecting operations is evaluated according to its perceived severity. Where a legislative requirement for change is identified, an automatic score of 25 is given since immediate corrective action is required to ensure compliance. All hazards which present legitimate concerns to stakeholders or clients also receive an automatic score of 25 in order to initiate immediate corrective action. The results of the above scoring methodology are recorded on the risk register. From this, the risks are prioritised for action on the basis of their risk score.

Five Steps to Risk Assessment

Step 1	Look for hazards	Walk around the work area, paying attention to activities and materials that have the potential to cause harm. Identify materials and substances, as well as equipment and tools. Observe activities in the workplace as well as how people perform the activities. Ask employees what they think and review applicable manufacturers' health and safety data sheets.
Step 2	Decide who might be harmed and how	Groups of people that may be affected including school staff, cleaners, maintenance personnel, Pay particular attention to disabled people, essential visitors and lone workers
Step 3	Evaluate the risks and decide whether current controls are adequate	Consider how likely it is that each hazard could cause harm by using risk ratings to prioritize risk. Determine whether or not you need to do more to reduce the risk and implement control measures (actions list) if the risks are not adequately controlled
Step 4	Record your findings	Keep written records for future reference in order to demonstrate compliance to legal requirements (e.g. manual handling, working in confined spaces)
Step 5	Review risk assessments and revise if necessary	Review and revise the risk assessment when there is any significant change (e.g. new hazards arise due to new substances and processes). Regularly review the risk assessment to check that the precautions for each hazard still adequately control the risk and, if necessary, reassess the risk.

ACTIVITY/PROCESS	HAZARD(S)	RISK(S)	PRE-CONTROL EVALUATION				CONTROL MEASURES (CONFIRMED WORKING EFFECTIVELY)	POST-CONTROL EVALUATION			
			S	L	R	RISK LEVEL		S	L	R	RISK LEVEL
Increasing the confidence of Staff, Parents and Pupils attending school in a Red Alert Extreme Heat Warning.	Exposure to Extreme Heat Conditions	Identified symptoms of heat exhaustion Keeping areas including classrooms well ventilated	4	4	16	High	<ol style="list-style-type: none"> 1. All Staff have been consulted on the control measures in this Risk Assessment and the school will fully adhere to its statutory obligations. 2. Staff and children to wear light tin clothes that are appropriate for school but keep them cool 3. Parents should ensure that pupils are well hydrated prior to arriving at school. 4. Water will continue to be freely available from all classrooms and water stations. 5. Pupils must apply sun cream before school, wear a sun hat and their hair tied back to keep themselves cool. 6. All windows in the school corridors will be opened at 7.00 am each morning to allow for a wellventilated building when pupils arrive at school. 7. Window blinds will be drawn to reflect heat from the sun and classroom doors will remain open. 8. Staff will be briefed to recognise the symptoms of heat exhaustion such as nausea and vomiting, pale skin and a high temperature. 9. Staff will be particularly aware of children in headscarves 10. Staff will be briefed to recognise the symptoms of heat stroke such as a sudden rise in temperature or confusion. 11. If staff are concerns about a child they go to their HOS who will seek advice 12. The use of electrical lighting to be kept to a minimum. 13. Electrical equipment, including computers, monitors, printers and interactive whiteboards will be switched off when not in use and will not be left in 'standby' mode. 14. PE lessons will not take place on both these days. 15. Trips have been cancelled 16. RA to be reviewed Monday at 3.30 17. Heat checklist to be carried out by HOS at 9, 11.30 and 2 	4	1	4	Low