

RISK ASSESSMENT

Risk Assessment for:	Power Cut During the School Day	Prepared by:	H&S Co-ordinators – S.L & V.D
		Assessed by SLT:	
Location:	ROSEWOOD FREE SCHOOL & AVENUES SITE	Date of Assessment	November 2024
		Review Date:	November 2026

Hazard	Who might be harmed?	Hazards Identified which may cause harm – consequence	Existing Level of Risk	Control Measure and Precautions Taken	Additional Control Measures or Further Action Required	Remaining level of Risk
Power cut occurs preventing use of Learner oxygen concentrator	Learners	Learner cannot receive the required amount of oxygen they need and becomes medically unwell.	High-20	Large battery power bank onsite for use of concentrators. Learners have oxygen cylinders to use short term eg whilst relocating to power bank position. Nurses have named supply of oxygen stored in Family Room	Learners who require power bank move to central location as named in evacuation procedure	Low-3
Power cut occurs preventing use of a suction machine which is out of battery.	Learners	Learner cannot receive the required suction from trained staff leading to choking, aspiration and associated medical consequences.	High-20	Large battery power bank on site for use of suction machine should it be out of battery when power cut occurs. Nursing team have spare suction machine for use in an emergency.	Parents are responsible for charging machines and ensuring they come in to school with sufficient charge. Learners who require power bank move to central location as named in	Low-3

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					evacuation procedure	
Power cut occurs preventing use of feed pump which is out of battery	Learners	Pump will not operate meaning learner can not receive their normal amount of measured feed and/or water leading to discomfort from hunger or dehydration.	Med-10	Large battery power bank on site for use of feed pumps should it be out of battery. NOTE – this will be secondary to use of power bank for concentrators and suction machine as it poses a lower risk of harm. School to follow Headteachers evacuation time frame, meaning dehydration is unlikely to occur. Those whose enteral feeding plans/care plans include a water bolus can proceed at usual time in usual way. Plans must be followed at all times unless otherwise told by SLT in consultation with nurses/parents/carers.	Learners who require power bank move to central location as named in evacuation procedure	Low-2
Power cut occurs leaving lights non operational	Employees, Learners, third parties	Lighting levels are insufficient proving a hazard to safe moving and handling increasing the risk of trips and falls causing varying MSD injuries	Med-10	School is equipped with emergency lighting, bringing lighting levels up to safe levels. Emergency lighting will remain on for approximately 3 hours after which time school will have been evacuated/power returned.		Low-5
Fire alarm and lock down alarm not sounding	Employees, Learners, third parties	Fire occurs or a need for lockdown arises, and staff are unaware due to alarms not sounding, leading to risk of physical harm from intruder or fire/smoke exposure. Death.	High -20	Risk of electrical fire is significantly reduced due to no power supply. In the event of a fire those with Fire Marshall responsibilities will complete usual checks of the building sweeping each room and checking all rooms/bathrooms etc. Reception will be staffed at all times as per normal operations. External hall door is locked with a physical lock as well as electrical keypad.		Med-10

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Hazard	Who might be harmed?	Hazards Identified which may cause harm – consequence	Existing Level of Risk	Control Measure and Precautions Taken	Additional Control Measures or Further Action Required	Remaining level of Risk
Power cut occurs leaving no power to the kitchen	Learners	Ovens and all kitchen equipment will not operate. If power cut occurs in the morning lunches and blended diets will not be able to be provided leading to discomfort from hunger.	Med-9	Headteachers evacuation time frame means that should power cut be likely to be lengthy, learners will have vacated school premises before high levels of hunger have built up. All normal feeding plans/lunch plans mats and usual oral food type should be followed. Learners who have oral food/ in the classroom eg snacks etc can be offered these in the normal way.		Low-2
Power cut occurs leaving car park gates with no power	Employees, Learners, third parties	Gate malfunction meaning parents/transport providers cannot enter/exit the car park leading to queues and a more hazardous parking and loading environment.	Med-5	In the event of a power cut gates are able to be manually opened and will be secured open allowing for normal flow in and out of vehicles. The manual override will be actioned by: Estates manager/maintenance team.		Low-1
Power cut occurs meaning main school reception door and entry system will not operate.	Employees, Learners, third parties	Reception doors malfunction meaning office staff cannot let visitors/staff in or out leading to incorrect number of people being logged as in the building.	Med-10	Door system will have battery backup for approximately 2 hours, in line with evacuation schedule as written in power cut procedure following head teachers time frame. Office staff will remain in reception to oversee this area, take registers as appropriate. If learners have evacuated, then the powerpack can be used to operate signing in and out for as and when staff leave the building.		Low-1
Power cut occurs and internal phones cannot be used.	Employees, Learners, third parties	Phone calls cannot be made to emergency services, parents/carers or other necessary agencies.	High-20	School mobiles (located in reception) and SLT work mobile phones to be used to contact relevant service/parent/carers. School text alert service to parents may be	School nursing team to remain based in the nurse's room.	Low- 5

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				used if directed by SLT. School staff mobiles may be needed to be used to call for emergency services (if directed to as per policy by SLT or other named staff member on policy). Any mobile phone must be used in line with school guidance to comply with school safeguarding.	Class lead to direct a member of their team to head to this room and request a nurse as required.	
Power cut preventing overhead hoists receiving charge.	Employees, Learners, third parties	Hoists run out of battery and learners are unable to be hoisted back to home chairs in line with their M&H risk assessment and handling plan resulting in potential vary MSD injuries to staff or learners from incorrect moving or handling.	Med-10	All over head hoists have approximately 2 hours of battery charge (variable due to each day's usage) which is sufficient to transfer all learners to their home chairs and be ready to evacuate within Headteachers evacuation time frame. In the event of overhead hoist failure mobile hoists are onsite for use. H&S Co-ordinator's available to oversee and advise. Refer to learners handling plans		Low-5
Power pack not having power	Employees, Learners, third parties	Above activities failing and learners' health compromised.	Med - 16	Power pack to be charged and a visual check October & April by H&S Co-ordinations.		Med - 8
High likelihood of risk – Likely to occur immediately or in the near future Medium likelihood of risk – will occur in time if no preventative action is taken Low likelihood of risk – Remote or unlikely to occur						

Date Reviewed	Comments
November 2023	Initial assessment. Rosewood Free school is on the priority list for reconnection of power supply
October 2024	Annual update. Removed reference to Ave 2 in Rose Road building.

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