

RISK ASSESSMENT

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| Risk Assessment for: | GATED CELING HOIST – LIKORALL | Prepared by: | M&H TRAINERS – S.L & V.D |
| | | Assessed by SLT: | |
| Location: | ROSEWOOD FREE SCHOOL & AVENUES SITE | Date of Assessment | June 2024 |
| | | Review Date: | June 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 |
|--|----------------------|---|------------------------|--|--|-------------------------|
| Hoist not being charged or failing mid hoist | Employee | Hoist being out of action increasing time, space and pressure on the use of the other hoist or the need for use of Mobile hoist leading to increased work load and stress for staff plus possible musculoskeletal injuries if mobile hoist required.. | Med-9 | <p>All hoists are to be placed on charge after each use.</p> <p>All hoists are regularly serviced and maintained.</p> <p>All staff are trained on use of this gated system after induction and are signed off as competent.</p> <p>Moving and Handling Trainers on site to assist with safety of staff and Learner should issues arise during hoisting.</p> <p>Staff will never use a Hoist which appears to be faulty or has signs of damage/ loss of charge/low battery.</p> <p>Each class has two hoists so second hoist should be used if 1 fails to avoid use of mobile hoist. If mobile hoist required liaise with M&H prior to use.</p> <p>Emergency lowering system can be used – staff trained.</p> | <p>Report faults to H&S Team.</p> <p>They will contact service provider where appropriate.</p> <p>Staff to have read all supporting documents and learner handling plans.</p> <p>M&H yearly refresher training</p> | Low-3 |

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| Hoist not being charged or failing | Learner | Discomfort/injury due to faulty hoist e.g. stops working midway through manoeuvre, or hoist is used incorrectly System failure or not locked in position. Learner is active in sling and may fall out causing impact injury, cuts, bruise, head injury | Med-10 | As page 1's control measures plus All Learners have own sling assessed for them for comfort and safety eg use of waist band should the hoisting take longer than expected Staff to follow Learners Moving and Handling plan at all times. | As page 1's control measures | Low-5 |
| Hoisting Manoeuvre | Employee M&H trained third party | Musculoskeletal injury whilst supporting Learners through hoisting manoeuvre due to bad posture, inadequate training or information. | Med-10 | Staff receive Moving and Handling induction training prior to undertaking hoisting with our Learners, plus a yearly refresher. All staff to read and follow each Learners Individual Moving and Handling Risk assessment. Staff have individual risk assessments to match their current physical needs. Classrooms to be free of clutter and obstacles to minimise risk of slips/trips during Hoisting. All current slings are compatible with school overhead hoist systems. No Learner in school exceeds the safe working load. All equipment should be ready to receive the Learner. Rosewood operates on a lead hoister (a "first") and a "second" to ensure less experienced staff member is well supported and instructed. | Safe working load of 200kg is never exceeded. | Low-5 |

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| Hoisting Manoeuvre | Learner | Discomfort from poorly fitted sling or injury from falling out of sling due to wrong loops attached, sling fitted incorrectly, wrong sling used, hoist used incorrectly | Med-15 | <p>Staff receive Moving and Handling induction training prior to undertaking hoisting with our Learners, plus a yearly refresher.</p> <p>All staff to read and follow each Learners Individual Moving and Handling Risk assessment.</p> <p>All Learners have own sling assessed for them for comfort and safety eg use of waist band.</p> <p>All Handling plans clearly specify how many trained people are required for each hoist to keep the Learner safe.</p> <p>Rosewood operates with a clear 'leader' and 'second' during hoisting to ensure each learner has one competent and known staff member with them for hoisting.</p> <p>Learners should not use the hoist hand set.</p> | Refer to quick guide- the A5 for relevant hoisting information. One on each Learners chair with photo of sling, loops to use and information on Learners movements and other important information for each hoist | Low-5 |

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| Spreader bar during & after hoisting | Employees, Learners, third parties | The spreader bar on the hoist could move and hit employees' learners or third parties and could cause varying injuries including impact injuries to head or face, bruising and cuts. | Med-9 | <p>All hoisting in school is to be completed with a minimum of 2 people or with the number the risk assessment states.</p> <p>Staff follow the Learners Risk Assessment at all times.</p> <p>We work with a clear 'leader' and 'second' during hoisting to ensure that one staff member is always responsible for the spreader bar.</p> <p>All overhead hoists are stored to above head height immediately after each hoist is complete or short term over a suitable table so as to prevent staff from hitting themselves on a low hoist. Then placed on charge when all manoeuvres are completed. Sit the Liko hoist spreader bar in to the grey wall bracket after use.</p> | <p>All staff read and follow Learner Risk assessments.</p> <p>Accidents/ incidents monitored.</p> | Low-3 |
| Attaching sling to hoist | Employees, Learners, third parties | <p>The learners sling loops may slip off the spreader bar and pupil may strain or bump limbs or head or fall from sling.</p> <p>Staff – may catch learner therefore injuring themselves – musculoskeletal injury</p> | Med -10 | Staff receive Moving and Handling induction training prior to undertaking hoisting with our Learners, plus a yearly refresher. At least 2 adults present for manoeuvre. Use safety clips provided on the hoists. | Service of hoists. Team to communicate if clips are damaged | Low-5 |

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| Fitting sling to to Learner | As above | Learner may fall out of sling causing varying injuries. Adult – may catch learner therefore injuring themselves - musculoskeletal injury | Med-10 | Each Learner has their own personal sling with designated loops. Learners Risk Assessments and A5 cards to further support this. Learners only to use their own sling- If soiled/unavailable M&H team will support and advise on an alternative from the school spares box. Slings are checked visually for condition before use each time. Travelling with Learners to be kept to a minimum. Staff receive Moving and Handling induction training prior to undertaking hoisting with our Learners, plus a yearly refresher. At least 2 adults present for manoeuvre. Almost every Learner arrives in school sitting on their sling | Learners referred to OT sling clinics when required Class to inform OT's if a sling is becoming too small or a change in the Learners movements. | Low-5 |
| Hoisting manoeuvre – travelling through doorway | Learners | Learner bumping into the doorway/door as it's an enclosed space causing limb or head injury to learner from impact or bruising or cuts. | Med-9 | Ensure doorways are open as far as possible – door to be hooked or held open . Staff mindful of Learners limbs and individual movements. Learners' arms must always inside slings as per training. Suitability of Learner to use gated hoist system is written in individual Learner handling plan/RA. Learner will not use if stated unsafe/unsuitable. | | Low-3 |

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| Use of gated transfer system – moving from one spreader bar to another with Learner. | Learners Employees or third parties | Incorrect removal of and reattachment of one hoisting spreader bar to another resulting in Learner falling from system resulting in various Impact injuries. Staff and/or third parties attempting to catch falling pupil resulting in varying muscular skeletal injuries. Hoist spreader bar and/or Learner falling onto staff member/third party resulting in varying impact injury. | High-20 | Staff receive Moving and Handling induction training plus a yearly refresher. Staff receive additional training on this gated system and are signed off as competent to use it before they support Learners. No one will operate this system unless they have had the additional training. | The design of the hook release protects against unintentional detachment (I built safety feature) Monitor manoeuvre through accident /Investigation forms | Low-2 |
| Hoisting manoeuvre – using the gate | Employees or third parties | Staff –musculoskeletal injury by taking the weight of Learner whilst attaching and un-attaching hoist boom to move through doorway | Med-9 | The hoist design ensures that when operated correctly, no staff member should be required to take any weight at all Staff receive additional training on this gated system and are signed off as competent to use it before they support Learners. No one will operate this system unless they have had the additional training. Staff receive Moving and Handling induction training prior to undertaking hoisting with our Learners, plus a yearly refresher. | Monitor manoeuvre through accident /Investigation forms | Low-6 |

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| | | | | <p>All staff to read and follow each Learners Individual Moving and Handling Risk assessment. All individually assessed slings ensure that no learner need have their weight supported or held other than by the sling itself.</p> <p>Staff have individual Risk assessments to match their current physical needs.</p> <p>Travelling with pupils kept to a minimum.</p> | | |
| <p>High likelihood of risk – Likely to occur immediately or in the near future</p> <p>Medium likelihood of risk – will occur in time if no preventative action is taken</p> <p>Low likelihood of risk – Remote or unlikely to occur</p> | | | | | | |

| Date Reviewed | Comments |
|---------------|--------------------|
| June 2022 | Initial assessment |
| June 2024 | 2 Yearly review |
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