

**Cornerstone Vocational Training Ltd**

70 Price Street, Birkenhead, CH41 3QZ

**Location: Cornerstone Vocational Training - Wirral**

<b>Title :</b> Brickwork	<b>Date of Assessment :</b> 24/07/2020	<b>Risk Assessor :</b> Brendan Bell
<b>Risk Assessment Reference :</b> BR01	<b>People involved in making this assessment :</b> Brendan Bell, Ian Jones, Terri Smith, Michael Courtenay, Learners (Students)	
<b>Task/ Process :</b> Bricklaying	<b>People at Risk :</b> Employees, Members of the Public, Service Users	

**Hazard : Electrical** To mix training mortar Tutors are to use the electrical Cement Mixer. This being electrical there is a danger of electrocution if checks aren't carried out and procedures followed.

**Control Measures:**

1. Tutor is the only person to use the cement mixer
2. Before use check electrical cable for any visible/physical damage
3. Keep cable off the floor to prevent trailing in wet areas
4. Use the mixing stand provided to aid manual handling of the mixer when tipping mortar out
5. Unplug Cement mixer when not in use

**Hazard : Fire** Not following the centre procedures in case of fire will endanger lives

**Control Measures:**

1. Evacuation procedure, identifies exit in case of a fire for both ends of the building
2. Fire extinguishers set out in designated areas, identified by information signs
3. Fire alarm points found: Bottom of the learner entrance/exit stairs Next to the Boiler room door Bottom of the Staff entrance/exit stairs
4. Fire drills instigated by the Landlord, Adams Self Storage
5. Make all visitors aware of the evacuation procedure

**Hazard : Hazardous Substances** Lime mortar or more commonly known as in our Centres as Training mortar can be an irritant and corrosive. This can cause chemical burns, ulcerations and skin problems. It is very important that it should be kept away from the eyes as this will cause severe irritation and burns.

**Control Measures:**

1. Ensure eye wash is available when being used, if it comes in contact with the eyes irrigate for 20 minutes and seek medical attention
2. Wear hand protection if the mortar needs to be handled, otherwise refrain from handling mortar
3. Store in a dry place
4. Don't use training mortar for any other purpose than what it is supposed to be used for, building training walls

5. Wear respiratory protection when brushing up

**Hazard : Manual handling** Moving large quantities of dry or mixed training mortar can cause musculoskeletal damage

**Control Measures:**

1. Use a lifting aid when moving large quantities of training mortar (wheel barrow)
2. Unit 11 of the Level 1 curriculum
3. Manual handling assessments
4. Staff training

**Hazard : Repetitive Movements** Continuous bending over to pick brick and mortar up could cause a repetitive strain injury

**Control Measures:**

1. Information & training
2. Break every hour
3. Swap task if learner complains or suffers from repetitive strain

**Hazard : Public or Visitor Access** Brickwork areas have brick structures small and large spread across the whole area and could cause a trip hazard. Also wet and slippery surfaces caused by wet mortar could cause a slip hazard. Visitors will not be used to the surroundings, therefore may not be aware of these dangers.

**Control Measures:**

1. All visitors must sign in the visitors book and wear a Cornerstone visitors badge
2. All visitors must be supervised at all times in the Centre
3. Make all visitors aware of any hazards/risks before entering the training areas

**Hazard : Uneven, Wet or Slippery Floors** Due to natural spillages of wet mortar around work areas floors can become wet and therefore raise the risk of slipping

**Control Measures:**

1. Dry mortar can be used for large areas that become wet
2. Daily cleaning regime
3. Learners to clean their immediate areas after each session
4. Wear non-slip safety boots

**Hazard : Work equipment** Walling trowels, pointing trowels and shovels can over time, due to the constant use with abrasive materials, can become very sharp. This can cause lacerations to the skin if mishandled or misused

<b>Control Measures:</b>	
1. Handle trowels by the handle and keep hands away from the blade and toe of the trowel	
2. Use correct handling procedures when using shovels and lifting equipment	

<b>Documents Associated with this Risk Assessment:</b>	Lime mortar COSHH Data.pdf(Safety information) Cementone Mortar Plasticiser Cemplas COSHH Data sheet.pdf(Safety Information)
<b>Review Date :</b> 10/04/2023	<b>Reviewer :</b> Brendan Bell