

**SWMS 1 – Bricklaying – (Include definition of what job involves)**

What tasks comprise the job?	Possible hazards	Finding solutions to the OHS risks
<b>1. Setting up</b>		
Moving bricks, blocks to work area	Manual Handling - back and muscle strain	Do not overload wheelbarrow and make sure load is even. Keep path for wheelbarrow clear and even. Rotate tasks between employees to prevent repetitive strain injuries. Refer to: SWI 001 / 1 Manual Handling
<b>2. Mixing mortar</b>		
Adding and mixing additives to mortar	Hazardous substances - skin and eye irritation Dust – respiratory damage	Wear eye protection, gloves and respirator or dust mask. Wash affected skin immediately if in contact with skin. Provide MSDS for hazardous substances. Train employees in the safe use of hazardous substances. Rotate tasks between employees to prevent repetitive strain injuries.
Mixing mortar with motorised cement mixer including loading and operating mixer.	Manual Handling – back and muscle strain Electricity – electrocution Hazardous substances – petrol Dust – respiratory damage Untrained employees – upper body injuries	Use two people to unload mixer or use ramps. Use 20 kg bags of cement when possible. Train employees in the correct use of the equipment. Wear eye protection, gloves and respirator or dust mask. Wear hearing protection if using petrol driven mixer. Provide MSDS for hazardous substances. Train employees in the correct use of hazardous substances. Refer to: SWI 001/ 1 Manual Handling SWI 005 / 1 - 2 Electricity & Power Tool Safety or SWI 004 / 1 Fuel Powered Tool Safety & SWI 004/ 1.1 Refuelling.

Mixing mortar by hand	Manual Handling – back and muscle strain Hazardous substances - skin and eye irritation Dust – respiratory damage	Use 20 kg bags of cement when possible. Wear eye protection, gloves, respirator or dust mask. Do not overload wheelbarrow. Keep path for wheelbarrow clear and even. Refer to: SWI 001/ 1 Manual Handling
<b>3. Cutting bricks / blocks</b>		
Cutting with a brick saw	Electricity – electrocution Untrained employees - cuts Noise - hearing damage Debris – eye injuries Dust – respiratory damage Manual Handling – back and muscle strain	Train employees in the correct use of the equipment. Wear eye and hearing protection. Keep work area around saw free of waste material. Refer to: SWI 001/ 1 Manual Handling, SWI 005/ 1 Electricity & Power Tool Safety, SWI 005/ 2 E.L.C.B, R.C.D & Extension Cords SWI 005/ 13 Brick Saw
Cutting with an angle grinder, trowel, hammer or bolster	Electricity – electrocution Untrained employees – cuts Noise - hearing damage Debris – eye injuries Dust – respiratory damage	Train employees in the correct use of the equipment. Wear eye and hearing protection and dust mask. Keep work area around saw free of waste material. Refer to: SWI 005/ 1 Electricity & Power Tool Safety, SWI 005/ 2 E.L.C.B, R.C.D & Extension Cords SWI 005/ 5 Angle Grinder SWI 005/ 13 Brick Saw
<b>4. Laying</b>		
Laying bricks, blocks	Manual Handling - back and muscle strain.	Train employees in the correct technique for the task. Rotate tasks between employees to prevent repetitive strain injuries.
Inserting steel inside blocks	Untrained employees - cuts, abrasions and impact injuries.	Use the correct tool for the task. Train employees in the correct use of the tool. Check tools are in good working order.
Cleaning out blocks	Cuts and abrasions.	Wear gloves when cleaning out blocks.

<b>5. Backfilling</b>		
Backfilling by machine	Plant and machinery – impact injuries Noise – hearing damage	Make sure machine operator has current certification to operate machine. Wear hearing protection. Keep clear of machine when it is in operation. Wear high visibility vest when working near machinery. Refer to: SWI 004/ 2 General Plant and Machinery
Backfilling by hand	Manual Handling - back and muscle strain	Use the correct tool for the task. Train employees in the correct use of the tool. Check tools are in good working order. Rotate tasks between employees to prevent repetitive strain injuries.
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<b>6. Cleaning/sealing brick and block work</b>		
Using hydrochloric acid for cleaning brickwork.	Hazardous substances - skin and eye irritation.	Provide MSDS for hazardous substances. Train employees in the safe use of hazardous substances. Wear gloves and eye protection. Refer to: SWI 007 Hazardous Substances SWI 007/ 1 – Chemical Use / Application
Using a chemical sealer	Hazardous substances - skin and eye irritation.	Provide MSDS for hazardous substances. Train employees in the safe use of hazardous substances. Wear gloves and eye protection. Refer to: SWI 007 Hazardous Substances SWI 007/ 1 – Chemical Use / Application