# Unit 112: Construction operations and civil engineering operations

# Worksheet 2: Safe systems of work – risk assessment (tutor)

Use this risk assessment to get the learners into a good habit of thinking what are they going to do, identify any potential hazards and what safety precautions they need to follow to stay safe.

This could be repeated for all of the typical work the learners may carry out: drainage, modular paving and concreting.

**Step 1**

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| Activities  What are you going to do? |
| Write a brief description of what tasks or work you may be expected to do when carryout construction operations |

**Step 2**

|  |  |  |  |
| --- | --- | --- | --- |
| Hazards  Which of the following may occur? | | | |
| Tick as appropriate ✓ | | | |
| Trips, slips and falls |  | Burns: cement, lime |  |
| Back strain |  | Dust, flying particles |  |
| Noise |  | Foot injury |  |

**Step 3**

|  |  |  |  |
| --- | --- | --- | --- |
| Safety Measures  Which of the safety measures should you take? | | | |
| Tick as appropriate ✓ | | | |
| Maintain tidy work area, following workshop rules |  | Wear PPE – gloves, Use barrier creams |  |
| Lift in pairs,  Use lifting aids  Use kinetic lifting methods |  | Use correct PPE – goggles |  |
| Check for services, Drawings, Knowledge of area |  | Wear PPE – boots |  |
| Wear PPE – ear protection |  | Wear PPE – dust mask Use water suppression |  |

**Step 4**

|  |  |  |  |
| --- | --- | --- | --- |
| Is it safe to work? | | | |
| YES (✓) |  | NO (✓) |  |
| If Yes, it is now safe to start your work | | If No, please re-visit risk assessment and inform tutor | |

**Step 5 – Review the process if work method changes.**