

What are the hazards and how might they harm?



Back and muscle sprains
from manual handling



Impact injuries from
unsecured loads falling



Falls as a result of loss of
balance



Trip injuries from
obstructions



Electric shock from
incorrect use of batteries



Entrapment injuries
when loading or
using attachments

What PPE should the individual wear?



Stairclimbers

Safety Task Card
STCGE 61

Unit Managers – use page overleaf to list any hazards and control measures specific to your site which are not listed below

Safe System of Work

1. You must have received training specifically for the stairclimber being used and have completed a competency check as well as having been trained on this task card.
2. Practice with a low-weight load until you feel confident using the equipment, before moving to full loads.
3. Always follow the manufacturer's instructions.
4. You must wear reinforced toe-capped shoes when loading and using the stairclimber.
5. Ensure the tyre pressure is at 2.5 bar.
6. Visually inspect equipment before use and report any damage to your manager.
7. Insert the charged battery and plug it in.
8. Use a shovel attachment when moving bulky loads.
9. Keep your fingers away from pinch points when attaching or detaching attachments, such as the shovel attachment.
10. Ensure that the landings and stairs are clear and that there are no obstructions.
11. Use safe manual handling practices when loading equipment and follow the controls on STCGE08 for sack trucks.
12. Do not exceed the maximal load capacity.
13. Always use the strap bar to ensure that loads are fully secured.
14. The point of balance can be changed by inclining the frame; when the frame is in an inclined position you must adjust the working angle of the lifting system.
15. To move on level ground the break must be in the neutral position.
16. Always make sure that the stairclimber is parallel with the edge of the next step being climbed; this requires the position to be adjusted on winding stairways.

Continued on reverse

If you have any concerns, stop and speak with your line manager before proceeding.

List any additional hazards or risks you have identified, and control measures required to manage these.

Stairclimbers continued

Safety Task Card
STCGE 61

Safe System of Work

17. To go up stairs:

- Ensure the brake is in the Free-Wheel position (backwards freewheel / forward braked)
- Pull equipment to the back of the step, ensuring that both wheels are inline with the back of the first step, then move the switch to the up position.
- Hold the equipment securely and focus on maintaining balance while the crank drive with the support wheels extends backwards and lifts the stairclimber to the next step above.
- Continue with the process, ensuring that the equipment is pulled back so that the wheels are always at the back of the next step, before the crank drive with support wheels is extended.

18. To go down stairs:

- Ensure the break is in the Automatic Break position.
- Move equipment to a safe distance from the top step margin, so that the wheel shaft is 4-10cm from the edge, then move the switch to the down position.
- Hold the equipment securely and focus on maintaining balance while the crank drive extends and to the step below.
- Allow the stairclimber to move forward, holding it securely, but not pulling backwards.
- If equipment is tilted too far back the break may engage continuously. If this happens move the equipment into a more upright position.
- Continue with the process, ensuring that you keep balanced while holding the equipment securely.

19. Unplug the battery after use.

20. Follow the controls on STCGE32 or STCGE33 when charging batteries.

If you have any concerns, stop and speak with your line manager before proceeding.