

### What are the hazards and how might they harm?



Cuts and lacerations from contact with broken glass



Back and muscle strain from manual handling



Eye injuries or inhalation injuries from exposure to glass dust



Crush injuries, bruises, abrasions and cuts as a result of entrapment

### What PPE should the individual wear?



Safety shoes and cut-resistant gloves required when emptying equipment. In addition, safety goggles and dust mask required when cleaning equipment

### What other precautions should be taken?



Use a dustpan and brush to clean up broken glass



Bin flaps must be securely closed, and bins stacked no more than four high and so that they do not cause an obstruction

## Glass bottle crushers

Safety Task Card  
**STCGE 38**

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. Only use equipment if you have been trained to do so and always follow the manufacturer's instructions.
2. You must wear appropriate PPE, including cut-resistant, anti-cut abrasion safety protective gloves, reinforced toe capped shoes when emptying the machine.
3. Make sure you are familiar with the emergency stop button location and operation.
4. Ensure that the receiving bin is inserted correctly. Do not force the door – if it does not close, remove the bin and remove any obstructions.
5. The machine must only be used to crush glass bottles, and not for glass jars or any other material.
6. Only insert bottles when the machine is on, and the green light is solid.
7. Bottles must be inserted neck first.
8. Allow the entry flap to close between each bottle.
9. Do not insert hands into the crushing chamber.
10. If there is a blockage, turn equipment off and disconnect the power and notify your manager.
11. When the bin is full the entry flap will lock, and the red light will be illuminated.
12. Always turn equipment off and ensure the machine has stopped operating, before opening the unit.
13. If there is a fault and the machine does not shut off when the bin is full, report this to your manager.
14. Carefully remove the bin, close the flaps securely and use safe manual handling practices.
15. Never handle broken glass but use a dustpan and brush to remove glass fragments.
16. Turn off equipment when leaving it unattended.

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.

## Glass bottle crushers continued

Safety Task Card  
**STCGE 38**

### Safe System of Work

17. Glass bins must be cleaned before being reused.
18. The glass crusher must be thoroughly cleaned after the end of a day of continuous operation or after every 350 bottles.
19. Only clean the unit if you have been trained to and follow the below steps:
  - a. You must wear safety goggles and a dust mask, as well as the provided protective gloves and reinforced toe-capped safety shoes.
  - b. Place an empty bin into the machine.
  - c. Fill a 750ml glass bottle with warm water and Assert Clean or Assert Lemon.
  - d. Turn the machine on and insert the bottle neck first.
  - e. Turn equipment off and disconnect from the power supply.
  - f. Wipe the inside of the bottle shoot with a damp cloth.
  - g. Remove the bin.
  - h. Sweep out any broken glass and then wipe with a damp cloth.
  - i. Remove the base tray by lifting it from the springs.
  - j. Sweep out any broken glass and then wipe with a damp cloth.
  - k. Replace the base tray and then insert a bin.

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