



HSE communications
Handling glassware safely
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Handling glassware safely inside labs

Do you know that the main reason for lab injuries is due to washing glassware?

- 1-Be sure that there is special procedure for handling glassware, especially during washing
- 2-Glassware should be visually inspected before use and before & after washing to ensure no cracks are present
- 3-In case of handling broken glass, you should wear a proper anti-cut gloves and ensure safe disposal of broken glass.
- 4-Hot glass looks like the ordinary glass apparently—use isolated gloves when dealing with hot glass—confirm that the gloves are suitable for the temp
- 5-Don't overheat glassware, unless it's designed for that purpose
- 6-Store glassware in a safe and suitable way
- 7-Lubricate connecting tubing and other fittings before use so they fit easily – use suitable lubricant or even water helps. If you are forcing a connection, stop and rethink
- 8-Check clamps are tightened without creating stresses in the glassware
- 9-Wear proper PPE based on the hazards and associated risks.
- 10-Report any near-misses and first aid cases immediately to your direct manager
- 11-Things never to do: Never carry a flask by its neck—Never carry a bottle by its stopper- Never carry a beaker by its side
- 12- Always use 2 hands carrying any glassware (position one hand under the glassware for support.)
- 13- Be sure there a first aid box in the lab or near to it.

