

SOP template · Draft

Spill response SOP

Alpha-specific spill response, contamination control, and incident documentation. Designed for posting at the administration room and hot lab.

1. Stop, contain, notify

1. Stop work. Restrict access to the affected area.
2. Don PPE before approaching the spill.
3. Cover liquid spills with absorbent media.
4. Notify RSO immediately for any spill of Ac-225.

2. Survey

Survey with alpha-capable instrument. Map contamination boundary. Document with photos and survey log.

3. Decontaminate

- Work from the edge of the contamination boundary inward.
- Place contaminated materials in labeled waste bags.
- Re-survey after each cleaning pass; continue until below action levels.

4. Document & report

Complete incident report. RSO determines whether the event meets reporting thresholds for notification of the regulator.