

# SOP: Temporary Containment and Safety Measures

This SOP describes **temporary containment and safety measures** essential for managing hazardous situations, preventing spills, and ensuring workplace safety. It outlines procedures for setting up temporary barriers, containment units, and safety zones to mitigate risks during maintenance, repairs, or emergency incidents. The document emphasizes proper equipment use, hazard communication, personnel protection, and timely removal of temporary measures to restore normal operations safely.

## 1. Purpose

To establish procedures for implementing temporary containment and safety measures to control hazards and protect personnel, equipment, and the environment during non-routine activities or emergencies.

## 2. Scope

This SOP applies to all employees, contractors, and visitors involved in work that requires temporary containment measures within the facility.

## 3. Responsibilities

- **Supervisors:** Ensure implementation of this SOP, provide resources and training, and verify effectiveness of safety measures.
- **Employees/Contractors:** Follow all procedures, use required PPE, and report hazards or incidents immediately.
- **Safety Department:** Assist in hazard assessment and review of containment measures.

## 4. Procedure

1. **Hazard Assessment:**
  - Identify potential sources of spills, leaks, or other hazards associated with planned work or incident.
  - Evaluate the area for required containment and safety measures.
2. **Selection of Containment and Safety Equipment:**
  - Choose appropriate barriers (e.g., temporary fencing, warning tape, portable screens).
  - Select containment units (e.g., spill berms, drip trays, absorbents).
  - Ensure availability of proper PPE for personnel involved.
3. **Installation:**
  - Set up barriers and containment units in accordance with manufacturer's guidelines and safety data sheets (SDS).
  - Mark and communicate the established safety zone to all personnel.
  - Post warning signs as necessary.
4. **During Operation:**
  - Monitor the integrity of barriers and containment units continuously.
  - Enforce safety procedures, equipment use, and access restrictions within the safety zone.
  - Respond to spills or breaches promptly using designated spill kits or emergency procedures.
5. **Removal and Restoration:**
  - Verify that hazards are eliminated or controlled.
  - Remove temporary containment and safety measures in a safe and orderly manner.
  - Restore area to normal operations and complete incident documentation if applicable.

## 5. Equipment and Materials

- Temporary barriers (fencing, caution tape, cones)
- Containment units (spill berms, absorbent pads, drip trays)
- Personal protective equipment (gloves, goggles, coveralls, respirators)
- Warning signs and labels
- Spill response kits

## 6. Hazard Communication

- Notify affected personnel of temporary safety measures and access restrictions.
- Provide site- and operation-specific training before beginning work.
- Ensure all signage is clear, visible, and up-to-date.

## 7. Documentation

- Record details of temporary containment measures, inspections, maintenance, and removal in the site safety log.
- Archive incident reports as necessary for regulatory compliance.

## 8. References

- Company Health and Safety Policy
- OSHA 29 CFR 1910 (or relevant local regulations)
- Material Safety Data Sheets (MSDS/SDS) for hazardous materials

## 9. Review and Revision

This SOP must be reviewed annually or after any incident where temporary containment measures are used. Updates should be made as necessary to improve safety and compliance.