

Engineering Division Water Leak Prevention

Web Page: <https://engineering.lbl.gov/water-leak-prevention-infrastructure-equipment/>

On at least a quarterly basis, conduct an inspection of all equipment and connections.

- Check connections from utilities (water and gases) to all equipment not in use. Close off any connections from sources of pressure.
- Check all tubing and connections between equipment and utilities for wear, age, damage.
- Replace connections and tubing if their condition is suspect.
- For equipment that is operating unattended, make sure that all tubing and connections between equipment and utilities are checked for wear, age, damage, and replaced if needed.
- Include regular inspection of tubing, hoses and connections, valves and leak detectors in a periodic maintenance plan. If any of the parts are deficient or suspect they should be replaced prior to operating.
- Check that fittings are appropriate and that clamps are tight. Clamps can loosen over time and should be periodically checked for tightness.
- Request assistance for equipment improvements or upgrades using the [Water Assistance Request Form](#).
- Request assistance from Facilities with isolation valves if not sure they are closing/opening correctly, or if unable to reach the valves safely.
- Schedule more frequent inspections for older equipment, which is at greater risk of breakdown.

Follow established protocols for equipment service or repair.

- Any non-construction hands-on repair or service of a device, apparatus, machine, mechanism, or building component by an outside vendor or technician requires a [Subcontractor Job Hazards Analysis \(SJHA\)](#).

Resources

- Email: programmatic-equipment-water-connections@lbl.gov
- [Water \(LCW/DI\) Assistance Request Form](#)
- [Subcontractor Job Hazards Analysis \(SJHA\)](#)
- [Water \(LCW/DI\) Assistance Request Status](#)