

Texas Woman's University's Lab, Machine Shop, Autoclave, and Radioactive Contamination Inspections

We are excited to announce that a number of new inspection forms from Texas Woman's University are now available in Form Exchange. Learn how TWU's EH&S Office is leveraging CampusOptics for a variety of different programs!

Available Through Form Exchange

- Lab Comprehensive-General (Every 2 Years)
- Lab Comprehensive-Bio (Every 2 Years)
- Lab Quick Inspection (Manual)
- Machine Room (Every 2 Years)
- Autoclave Inspections (Monthly)
- Radioactive Contamination Surveys (Monthly)

Lab Comprehensive-General and Lab Comprehensive Bio Inspections

Texas Woman's University's EH&S Team conducts comprehensive general labs inspections and bio lab inspections on a coordinated two-year cycle. These inspections require in-person PI participation, as the EHS team reviews a variety of procedural and training documentation during the inspection process. The EH&S team is considering the use of CampusOptics' conditional questions to consolidate these forms into a single more adaptive template that surfaces only the questions relevant to the lab type being inspected.

Quick Lab Inspections

Quick inspections are typically conducted during the intervals between these more detailed inspections and focus on visible, walk-through issues, that do not require in-person PI participation. This alleviates some of the challenges associated with PI scheduling, while ensuring that EH&S is still visiting labs on an annual cadence.

Machine Room Inspections

Machine room inspections are currently conducted on a two-year cycle, with a long-term goal of providing annual coverage. EH&S inspectors perform unannounced walk-throughs without facility staff present and document issues directly in CampusOptics. The most common findings — missing junction-box cover plates, improper storage, and missing equipment guards — have been incorporated as standardized issue templates, making logging and trend analysis much simpler. The EH&S team tracks issue remediation within CampusOptics and uses the platform's historical record to review recurring issues on each subsequent visit.

Autoclave Inspections

TWU's EH&S team uses a federated model for inspecting their 10 autoclaves: satellite groups handle the three units in their respective areas, while the central EH&S team inspects the remaining seven. For self-reported units, lab personnel submit logs via email or paper that the EH&S team verifies and closes out in CampusOptics, keeping a single system of record for required testing and documentation regardless of who performed the inspection. Expanded delegation is on hold pending confidence in lab-side compliance, but CampusOptics is already configured to conduct self-service inspections when the team is ready.

Radioactive Contamination Surveys

Like most institutions, radiological research at TWU has dropped dramatically over the past few years, resulting the elimination of most of their radioactive sources. Scheduled contamination surveys are now focused on one active rad area and a decay room, with a small annual radioactive waste calculation maintained to keep the program active and compliant.