

ASU Facilities Management plumbing and HVAC trade workers Personal protective equipment, or PPE guidelines.

CAT 1 – Gray water or less, at fixture

PPE: Long pants, sturdy shoes with a protective toe box and a non-slip sole; appropriate protective eyewear such as safety glasses or goggles, leather gloves or nitrile or latex gloves, depending on the involvement of the task. [e.g., backed-up sink bowl prior to trap].

CAT 2 – Beyond gray water such as sewage or black water possible bio-waste, before the trap

PPE: Long pants, sturdy shoes with a protective toe box and a non-slip sole; appropriate protective eyewear such as safety glasses or goggles, leather gloves or nitrile or latex gloves of variable lengths or equivalent depending on the involvement of the task. Disposable sleeves or coveralls such as Tyvek or non-permeable apron based on professional discretion. Face shields if splashes anticipated. N-95 respirator optional.

CAT 3 – After trap, in main

PPE: Long pants, rubber boots, disposable sleeves or coveralls such as Tyvek or non-permeable apron based on professional discretion. Appropriate protective eyewear such as safety glasses or goggles. Nitrile or latex gloves or similar underneath reusable full arm rubber gloves. Face shields if splashes anticipated. N-95 respirator optional.

CAT 4 – Locations where possible hazardous materials are present such as biological, chemicals and lasers.

- **Biosafety level two – Call EHS for guidance.** Lab personnel will inform facilities personnel of any hazards present. The responsible party for the location is required to remove any hazards to include waste and chemicals before Facilities Management can perform any tasks.

PPE: Long pants, rubber boots, disposable sleeves or coveralls such as Tyvek or non-permeable apron based on professional discretion. Appropriate protective eyewear such as safety glasses or goggles. Nitrile or latex gloves or similar underneath reusable full arm rubber gloves or puncture-resistant gloves. Face shields if splashes anticipated. N-95 respirator optional.

- **Biosafety level three – No entry or access for any reason.**

CAT 5 – Hazardous materials incident response.

Environmental Health and Safety and responsible party for the location will respond to any hazardous material incident first before Facilities Management operations begin.

The ASU or other jurisdictional hazardous materials teams will respond and then clear the area before any Facilities Management operations begin.

Notes:

Individuals with allergies or sensitivity to latex or nitrile should contact EHS for guidance on alternative options.

OSHA references:

- **Personal Protective Equipment:**

[osha.gov/Publications/osha3151.pdf](https://www.osha.gov/Publications/OSHA-3151.pdf)

[osha.gov/Publications/OSHA_FS_3587.pdf](https://www.osha.gov/Publications/OSHA_FS_3587.pdf)

- **Canadian Centre for OHS Fact Sheet on Plumbers:**

[ccohs.ca/oshanswers/occup_workplace/plumber.html](https://www.ccohs.ca/oshanswers/occup_workplace/plumber.html)

- **Guidelines for Safely Entering and Cleaning Vessel Sewage Tanks**

[osha.gov/Publications/osha3151.pdf](https://www.osha.gov/Publications/OSHA-3151.pdf)

Questions? Contact ASU Environmental Health and Safety at 480-965-1823 or email asuehs@asu.edu.

Revision date 7/22/2021