Laboratory Safety

The health, safety and well-being of both the University community and the environment are of utmost importance to the University. Being a research intensive institution with diverse science-based programs, laboratory environments are plentiful throughout the main and satellite campuses. As such laboratory personnel including employees, students and visitors are exposed to potential hazards unique to laboratory settings and hazardous materials each and every day.

The University's Senior Health and Safety Consultant (Laboratory), Alicja Zachertowska may be contacted by email at labsafe@uoguelph.ca [1] or by phone 519 824 4120 ext. 54270.

Components of the Lab Safety program include the following:

- Laboratory Safety Manual [2] - CURRENT EDITION: 8TH (2025)
- Laboratory Safety Training [3] - Offered online, this training is to be completed by those individuals working in or supervising laboratory activities.
- Laboratory Inspections [4] - Inspections will be completed by an EHS representative on a continuous basis.
- Laboratory Decommissioning Program [5]

Laboratory Emergency Response

- Laboratory Emergency Response - Poster and Procedures [6]
- Laboratory Spill Response - Chemical, Biological, Radiological - Poster and Procedures [7]

Laboratory Environmental Protection and Safety Procedure (EASR Aligned)

- Laboratory Environmental Protection and Safety Procedure (EASR Aligned) [8]
- Appendices
    - Food Science and ANNU - Buildings 38, 70, 88 [9]
    - Crop Science - Building 69 [10]
    - MacNaughton - Building 73 [11]
    - OVC Complex - Buildings 3, 39, 40, 44, 49, 146 [12]

Fume hoods

Fume hoods [13] - information on fume hood operation, performance and the University of Guelph inspection program

Hazardous Waste

Hazardous Waste Disposal [14] - information regarding Guelph Campus disposal procedures

- Hazardous Waste Management Guideline for the Regional Campus and Research Stations [15]

Transportation of Dangerous Goods

Transportation of Dangerous Goods [16] - information regarding training as well as general TDG requirements

Transportation of Dangerous Goods Common Exemptions Agricultural Operations at Ridgetown Campuses and

Research Stations [17]

HECHMET Chemical Inventory and 3E SDS Portal

UofG has a new SDS Portal, click here [18] for details!

Click here for information about HECHMET [19]

Resources

Lab Door Signage [20]
Weekly Eye Wash Flush Schedule [21]
Transportation of Dangerous Goods (TDG) - Request for Shipping Documentation [22]
Lab Safety Compliance Self-Assessment Guide [23]
HECHMET Chemical Inventory System PDF [24]
Lab Equipment Decontamination and Decommissioning Form [25]

Source
URL:https://www.uoguelph.ca/hr/hr-services-environmental-health-safety-programs/laboratory-safety?trk=public_profile_certification-title

Links
[1] mailto:labsafe@uoguelph.ca [2] https://www.uoguelph.ca/hr/system/files/Laboratory%20Safety%20Manual%20SEPT%202025.pdf [3] http://www.uoguelph.ca/ehs/courses/index.cfm? [4] https://www.uoguelph.ca/hr/system/files/Lab%20safety%20Inspection.pdf [5] https://www.uoguelph.ca/hr/system/files/Lab%20Decommissioning%20Program_0_0.pdf [6] https://www.uoguelph.ca/hr/about-hr/environmental-health-safety-ehs/ehs-programs-policies-guidelines-and-forms/ehs-programs-7 [7] https://www.uoguelph.ca/hr/laboratory-spill-response-chemical-biological-radiological [8] https://www.uoguelph.ca/hr/system/files/Laboratory%20Environmental%20Protection%20and%20Safety%20Procedure%20EASR%20Aligned%20-%20version%203%20%28no%20appendix%29.pdf [9] https://www.uoguelph.ca/hr/system/files/Food%20Science%20and%20ANNU%20-Bldg%2038%2C%2070%2C%2088-%20Appendix.pdf [10] https://www.uoguelph.ca/hr/system/files/Crop%20Science%20-%20Building%2069%20-%20Appendix.pdf [11] https://www.uoguelph.ca/hr/system/files/MacN%20-%20Bldg%2073%20-%20Appendix.pdf [12] https://www.uoguelph.ca/hr/system/files/OVC%20Complex%20-%20Buildings%203%2C%2039%2C%2040%2C%2044%2C%2049%2C%20146%20Appendix.pdf [13] https://www.uoguelph.ca/hr/about-hr/environmental-health-safety-ehs/ehs-programs-and-forms/laboratory-safety/fume-hoods [14] https://www.uoguelph.ca/hr/hr-services-environmental-health-safety-programs-laboratory-safety/hazardous-waste [15] https://www.uoguelph.ca/hr/system/files/U%20of%20G%20Hazardous%20Waste%20Management%20Procedure%20%28Regional%20campus%20and%20stations%29.pdf [16] https://www.uoguelph.ca/hr/hr-services/environmental-health-safety-ehs/environmental-health-safety-programs/laboratory-safety [17] https://www.uoguelph.ca/hr/system/files/TDG_Agricultural_Exemptions_Guide%20-%20FINAL.pdf [18] https://www.uoguelph.ca/hr/system/files/New_UofG_SDS_Portal_Bulletin_UPDATED_0.pdf [19] https://www.uoguelph.ca/hr/about-hr/environmental-health-safety-ehs/ehs-portal-systems-and-resources/introduction-hechmet [20] https://www.uoguelph.ca/hr/system/files/labs%20signage%20FINAL.pdf [21] https://www.uoguelph.ca/hr/system/files/weekly%20eye%20wash%20flush%20schedule%202023%20%281%29.pdf [22] https://www.uoguelph.ca/hr/system/files/DG%20poster.pdf [23] https://www.uoguelph.ca/hr/system/files/Using%20a%20Laboratory%20Safety%20Compliance%20Self_1_0.pdf [24] https://www.uoguelph.ca/hr/system/files/HECHMET%20CHEMICAL%20INVENTORY%20SYSTEM%20%287%29_2_0.pdf [25] https://www.uoguelph.ca/hr/system/files/Lab%20Equipment-decontamination-and-decommissioning-reportdoc_0.pdf