

EHS Training Needs Checklist

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Go to https://web.mit.edu/training/my_profile.html and click **Create EHS Profile** (or **Update PI/Activities**) button.

Use the following information to complete/revise your EHS Training Needs.

Name of Department, Lab or Center: _____

Name of PI/Supervisor: _____

Group 1 — Biosafety		
	1.1	Use biological materials (including microorganisms, plants, animals, recombinant or synthetic DNA/RNA, etc.), requiring BL1 or BL2 containment
	1.2	Supervise a laboratory that uses biological materials (including microorganisms, recombinant or synthetic DNA/RNA, etc.), requiring BL1 or BL2 containment
	1.3	Perform research with human blood or body fluids, human cells or tissues, or human cell lines or using a material containing a bloodborne pathogen (e.g., HIV, HBV, HCV, malaria)
	1.4	Conduct research requiring BL2+ containment (e.g. viral vectors that can lead to oncogenesis, propagating HIV, HBV, HCV)
	1.5	Supervise a laboratory that uses human blood or body fluids, human cells or tissues, or human cell lines or using a material containing a bloodborne pathogen (e.g. HIV, HBV, HCV, malaria)
	1.6	Ship or prepare to ship infectious agents (human, animal or plant), genetically modified organisms, human or animal specimens, toxins (excluding select toxins), or used medical devices
	1.7	Enter biological research spaces to provide a service for the laboratory that includes handling paperwork, equipment, tools, or perform research that doesn't include handling biological material
	1.8	Use or supervise a laboratory that uses Controlled Substances (DEA Schedule I-V or MDPH Schedule I-VI) in research.
	1.9	Use or supervise a laboratory that uses select toxins
	1.10	Ship or prepare to ship a non-regulated material on dry ice
	1.11	Use an autoclave (including loading & unloading materials, regardless of the type of material)

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Group 2 — Chemical Safety		
	2.1	Use potentially hazardous chemicals in a laboratory (this includes even common chemicals such as oil, solvents, paints, alcohol, acetone, etc.)
	2.2	Supervise those who use potentially hazardous chemicals in a laboratory (i.e., PI/supervisor)
	2.3	Use potentially hazardous chemicals in a work place other than a laboratory
	2.4	Supervise those who use potentially hazardous chemicals in a workplace other than a laboratory (i.e., PI/ supervisor)
	2.5	Use oil from a single container or reservoir in quantities equal to or greater than 55 gallons
	2.6	Use or work in the area that stores or uses hydrofluoric acid
	2.7	Use a respirator
	2.8	Ship or prepare to ship potentially hazardous chemicals
Group 3 — Ergonomics & Noise		
	3.1	Work with noisy equipment or machinery related to your job
	3.2	Use a high degree of repetitive motion, awkward postures or excessive lifting, pushing, or pulling in work activities outside of the lab or at a computer workstation
Group 4 — Ionizing Radiation		
	4.1	Use radioactive materials
	4.2	Supervise a laboratory authorized to possess and use radioactive materials
	4.3	Use sealed sources of radioactivity
	4.4	Use unbound radioiodine/iodination
	4.5	Use high activity sources of radiation
	4.6	Use accelerators
	4.7	Use x-ray equipment
	4.8	Use medical and/or dental x-ray equipment

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	4.9	Use veterinary x-ray equipment
	4.11	Use the Nuclear Reactor
	4.12	Work at Bates Linear Accelerator
Group 5 — Nonionizing Radiation Sources		
	5.1	Use class 3b or 4 lasers
	5.2	Enter and work in an area with an RF (radiofrequency) warning sign
	5.3	Enter or work in an area with “Danger Strong Magnetic Field” postings (recommended training)
Group 6 — Specialized Safety		
	6.1	Use electrically powered equipment over 50 volts where there is a potential for exposure to exposed parts (uninsulated and unguarded) of energized electrical circuits or equipment.
	6.2	Work in a confined space(s) such as tanks, manholes, boilers, or shafts
	6.3	Supervise those who work in a confined space such as tanks, manholes, boilers, or shafts
	6.4	Work or supervise those that work from ladders, scaffolding, staging, lifts, or powered platforms
	6.5	Supervise those who weld, cut or solder with a torch, braze, or grind. Supervise a designated hot works area
	6.6	Operate cranes or hoists
	6.7	Operate a forklift, battery powered pallet jack, or other material handling equipment
	6.8	Involved in planning construction or renovation activities in your department, lab, or center
	6.9	Climb a tower
	6.10	Supervise those who climb a tower
	6.11	Work with cryogenic liquids (recommended training unless your DLC requires it)
	6.12	Conduct maintenance, servicing, or other procedure on equipment or tools that could expose personnel to potentially hazardous energies (electrical, pressure, hydraulic, stored kinetic, etc.)

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Date	Reason for Change
2024-06-27	Added requirement 12 (autoclave) and renumbered remainder
2024-10-09	Removed: 'Give first aid as a job duty, provide other medical treatment, work with patients, or handle patient samples'; removed numbering from this document; Amended: 3.2 regarding ergonomics to include 'in work activities outside of the lab or at a computer workstation'