

EHS Training Needs Checklist

Atlas – Learning Center – EHS Profile



Go to https://web.mit.edu/training/my_profile.html and click **Create EHS Profile** button. Use the following information to complete the EHS Training Needs.

Name of Department, Lab or Center: _____

Name of PI/Supervisor: _____

Group 1 — Biosafety		
	1	Use biological materials requiring BL1 or BL2 containment or use recombinant DNA/RNA requiring BL1 or BL2 containment.
	2	Supervise a laboratory that uses biological materials requiring BL1 or BL2 containment or use recombinant DNA/RNA requiring BL1 or BL2 containment.
	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).
	4	Conduct research requiring BL2+ containment (e.g. viral vectors that can lead to oncogenesis, propagating HIV, HBV, HCV).
	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).
	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.
	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.
	8	Give first aid as a job duty, provide other medical treatment, work with patients, or handle patient samples.
	9	Use or supervise a laboratory that uses Controlled Substances (DEA Schedule I-V or MDPH Schedule I- VI) in research.
	10	Use or supervise a laboratory that uses select toxins.
	11	Ship or prepare to ship a non-regulated material on dry ice.
	12	Use an autoclave (including loading and unloading materials, regardless of the types of materials).
Group 2 — Chemical Safety		
	13	Use potentially hazardous chemicals in a laboratory (this includes even common chemicals such as oil, solvents, paints, alcohol, acetone, etc.)
	14	Supervise those who use potentially hazardous chemicals in a laboratory (i.e., PI/supervisor)
	15	Use potentially hazardous chemicals in a workplace other than a laboratory
	16	Supervise those who use potentially hazardous chemicals in a workplace other than a laboratory (i.e., PI/Supervisor)
	17	Use oil from a single container or reservoir in quantities equal to or greater than 55 gallons

EHS Training Needs Checklist

Atlas – Learning Center – EHS Profile



	18	Use or work in the area that store or uses hydrofluoric acid for the hydrofluoric acid activity
	19	Use a respirator
	20	Ship or prepare to ship potentially hazardous chemicals
Group 3 — Ergonomics & Noise		
	21	Work with noisy equipment or machinery that related to your job
	22	Use a high degree of repetitive motion or excessive lifting, pushing, or pulling
Group 4 — Ionizing Radiation		
	23	Use radioactive materials
	24	Supervise a laboratory authorized to possess and use radioactive materials
	25	Use sealed sources of radioactivity
	26	Use unbound radioiodine/iodination
	27	Use high activity sources of radiation
	28	Use accelerators
	29	Use x-ray equipment
	30	Use medical and/or dental x-ray equipment
	31	Use veterinary x-ray equipment
	32	Use the Nuclear Reactor
	33	Work at Bates Linear Accelerator
Group 5 — Nonionizing Radiation Sources		
	34	Use class 3b or 4 lasers
	35	Enter and Work in an area with an RF warning sign
	36	Enter or work in an area with “Danger Strong Magnetic Field” postings (recommended training)
Group 6 — Specialized Safety		
	37	Use electrically powered equipment over 50 volts where there is a potential for exposure to exposed parts (uninsulated and unguarded) or energized electrical circuits or equipment
	38	Work in a confined space(s) such as tanks, manholes, boilers, or shafts
	39	Supervise those who work in a confined space such as tanks, manholes, boilers, or shafts
	40	Work or supervise those who work from ladders, scaffolding, staging, lifts, or powered platforms, or from any work location that presents an unprotected fall hazard of four feet or more

EHS Training Needs Checklist

Atlas – Learning Center – EHS Profile



	41	Supervises those who weld, cut, or solder with a torch, braze, or grind. Supervise a designated hot works area
	42	Operate cranes or hoists.
	43	Operate a forklift, battery powered pallet jack, or other material handling equipment
	44	Involved in planning construction or renovation activities in you department, lab, or center.
	45	Climb a tower
	46	Supervise those who climb towers
	47	Work with cryogenic liquids (recommended training unless your DLC requires it)
	48	Conduct maintenance, servicing, or other procedure on equipment or tools that could expose personnel to potentially hazardous energies (electrical, pressure, hydraulic, stored kinetic, etc.)

Date	Reason for Change
2024-06-27	Added requirement 12 (autoclave) and renumbered remainder