

# Training Needs Assessment

## Checklist

Go to <http://web.mit.edu/environment/training> and click My EHS Training Wizard.

Use the following information to complete the Training Needs Assessment.

Name of Department, Lab or Center: \_\_\_\_\_

Name of PI/Supervisor: \_\_\_\_\_

Group 1—Chemical Safety	
<input type="checkbox"/>	1. Use potentially hazardous chemicals in a laboratory (this includes even common chemicals such as oil, solvents, paints, alcohol, acetone, etc.)
<input type="checkbox"/>	2. Supervise those who use potentially hazardous chemicals in a laboratory (i.e., PI/supervisor)
<input type="checkbox"/>	3. Use potentially hazardous chemicals in a work place other than a laboratory
<input type="checkbox"/>	4. Supervise those who use potentially hazardous chemicals in a workplace other than a laboratory (i.e., PI/supervisor)
<input type="checkbox"/>	5. Use oil from a single container or reservoir in quantities equal to or greater than 55 gallons
<input type="checkbox"/>	6. Use hydrofluoric acid
<input type="checkbox"/>	7. Use a respirator
<input type="checkbox"/>	8. Ship or prepare to ship potentially hazardous chemicals
Group 2—Biological Safety and Bloodborne Pathogens	
<input type="checkbox"/>	9. Use biological materials requiring BL1 or BL2 containment, or use recombinant DNA/RNA requiring BL1 or BL2 containment.
<input type="checkbox"/>	10. Supervise a laboratory that uses biological materials requiring BL1 or BL2 containment, or use recombinant DNA/RNA requiring BL1 or BL2 containment.
<input type="checkbox"/>	11. Perform research with human blood or body fluids, human cells, or human cell lines
<input type="checkbox"/>	12. Perform research with HIV or HBV (note: lentivirus transfer vectors excluded)
<input type="checkbox"/>	13. Supervise a laboratory that perform research with human blood or body fluids, human cells, or human cell lines
<input type="checkbox"/>	14. Give first aid as a job duty, provide other medical treatment, work with patients, or handle patient samples
<input type="checkbox"/>	15. Ship or prepare to ship infectious agents (human or animal), genetically modified organisms, human specimens, blood, clinical or diagnostic specimens, or toxins
<input type="checkbox"/>	16. Enter biological research labs to provide maintenance or service, or handle materials, equipment, etc., from biological labs as a non-researcher providing a service for these research labs

**Group 3—Ionizing Radiation Sources: Radioactive Materials; Radiation Producing Equipment**

17. Use radioactive materials

18. Supervise a laboratory authorized to possess and use radioactive materials

19. Use sealed sources of radioactivity

20. Use gammacell irradiator

21. Use unbound radioiodine/iodination

22. Use high activity sources of radiation

23. Use accelerators

24. Use x-ray equipment

25. Use medical and/or dental x-ray equipment

26. Use veterinary x-ray equipment

27. Use the Nuclear Reactor

28. Work at Bates Linear Accelerator

**Group 4—Nonionizing Radiation Sources: Lasers; RF; Magnets**

29. Use class 3b or 4 lasers

30. Enter and Work in an area with an RF warning sign

**Group 5—Miscellaneous**

31. 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

32. Work in a noisy environment (have to shout to be heard at an arm's length away from another person)

33. Use a high degree of repetitive motion or excessive lifting, pushing, or pulling

34. Do you have concerns that computer use is contributing to your risk of developing a computer related injury (musculo-skeletal disorder)?

**Group 6—Specialized Safety**

35. Work in a confined space(s) such as tanks, manholes, boilers, or shafts

36. Supervise those who work in a confined space such as tanks, manholes, boilers, or shafts

37. Work or supervise those that 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.

38. Supervise those who weld, cut or solder with a torch, braze, or grind. Supervise a designated hot works area

39. Operate cranes or hoists

40. Operate a forklift, battery powered pallet jack, or other material handling equipment

41. Involved in planning construction or renovation activities in you department, lab, or center.



42. Climb a tower



43. Supervise those who climb towers