

**Environmental Health and Safety
Iowa State University**

Services and Fees

March 2017

Frequently Asked Questions

Who is Environmental Health and Safety (EH&S)?

EH&S reports to the Senior Vice President of University Services.

What are our responsibilities?

We have the principal responsibility for the prevention of illness and injury, protection of the environment, and connection of the message of safety and preparedness to the university. Our customers are the campus, community and the world.

What core services does EH&S provide?

See next page.

Core Service List

Emergency Response Preparedness

Ensure that faculty, staff, and students are adequately prepared for emergency situations.

- Automatic External Defibrillator (AED)
- CPR and First Aid Training
- Duty Officer
- Emergency Exit Maps
- Exercises and Drills
- Emergency Action Plan
- Severe Weather Program
- State of Iowa Radiation Emergency Response Team
- Story County Local Emergency Planning Committee
- Training and Communication with Local Fire and Police Departments and County Emergency Management
 - Respirator
 - Carbon Monoxide
 - Radiation Equipment
 - Confined Spaces
 - Exercises
- University Emergency Plan
- Weather Radio

Fire Safety

Comprehensive fire safety services that include the installation, maintenance, and monitoring of fire extinguishers on campus.

- Building Inspection
- Building Safety Review
- Code Compliance
- Fire Extinguisher Program
 - Installation
 - Testing
 - Maintenance
 - Training
- Fire Marshal Inspection
- Hot Work Permit

IT and Web Publications

Provide web-based safety related services for the university community.

- Chemical and Biological Inventory Portals
- Informational Manuals, Guides, and Brochures
- Learn@ISU Oversight
- Online Waste Removal Request

Hazardous Waste

Collection and disposal of unwanted materials generated at Iowa State University.

- Chemical Redistribution for Campus
- Chemical, Radiological, and Biological Waste
- IDPH Radioactive Waste Broker
- Rechargeable Batteries
- Sharps Disposal
- Universal Waste Lamps, Bulbs, Thermostats, and Pesticides
- Unknown/Unstable Wastes-*Fee*

Health

Provide health and well-being services that protect employees and the public from chemical, microbiological, and physical workplace health hazards.

- Animal Use Evaluation
- Asbestos-*Fee*
- Bloodborne Pathogens
- Employee Exposure Monitoring
 - Chemical
 - Physical
- Ergonomic Evaluation-*Fee*
- Indoor Air Quality Investigation-*Fee*
- Lead-*Fee*
- Mold-*Fee*
- Occupational Medicine Program
- Personal Protective Equipment

Laboratory Safety

Health and safety services for academic laboratories.

- Autoclave Certification
- Biosafety Cabinet Certification-*Fee*
- Equipment Disposal
- Exposure Monitoring
- Fume Hood Inspection
- Laboratory and Shop Safety Surveys
- Nanotechnology
- Personal Protective Equipment
- Security
- Spill Response
- Unwanted Materials Management

Permitting

Maintain environmental, biological, chemical, and radiological licenses and/or permits for Iowa State University.

- Above and Underground Storage Tanks
- Clean Air Act
- Clean Water Act (NPDES)
- Confined Spaces
- Controlled Substances Destruction
- Dept. of Defense Safety Plan
- EPA Quality Management Plan
- Non-Domestic Waste Water
- Radioactive Materials and Radiation Producing Devices (RPD) Licensing
- Reciprocity (out of state licensing) for RPD
- Select Agent
- Spill Prevention, Control, and Countermeasures
- Tax Free Ethanol
- USDA and CDC Permits

Plan Review

Review facility design plans for new buildings and building renovations on campus.

- Biosafety Level 2 & 3 compliance
 - Containment
 - Ventilation Systems
- Code Compliance
- Equipment
 - Eye Wash
 - Safety Shower
 - Fume Hood
 - Autoclave
 - Biosafety Cabinet
- Emergency Plan Review
- Environmental Compliance
- Hazardous Materials
- Hazardous Waste Streams/Disposal
- Life Safety Systems
- Radiation Devices
 - X-ray Machine
 - Accelerator
 - Laser

Outreach

Provide environmental, health, and safety services to entities in the State of Iowa through extension and outreach activities.

- CIRAS-Fee
- University Extension and Outreach-Fee
- Research Park-Fee

Radiation

Comprehensive radiation safety services.

- Broadscope License Oversight
- Deactivate and Render Useless Retired Devices
- Decommissioning Laboratories and Buildings
- Dosimetry
- Laboratory Audit and Survey
- Laser, Microwave, and RF Oversight
- Radiation Safety Approval Review
- Radioactive Materials Inventory Control
- Radioactive Materials Package Processing
- Radioactive Waste Management

Research Protocol Review

Oversight and coordination for the safe use of hazardous materials on campus.

- Controlled Substances
- Institutional Animal Care and Use Committee
- Institutional Biosafety Committee
- Institutional Review Board
- Radiation Safety Committee
- Select Agent

Safety Services

Comprehensive safety services to ensure regulatory compliance and protection of the campus community.

- Accident Investigation
- Building and Shop Safety Surveys
- Confined Spaces
- Farm Safety
- Hazardous Materials Shipping
- Hot Work Permit
- Lock-out/Tag-out
- OSHA Reporting
- Safety Signs and Labeling
- Student Activity Safety (Events Authorization Committee)
- Workplace Safety

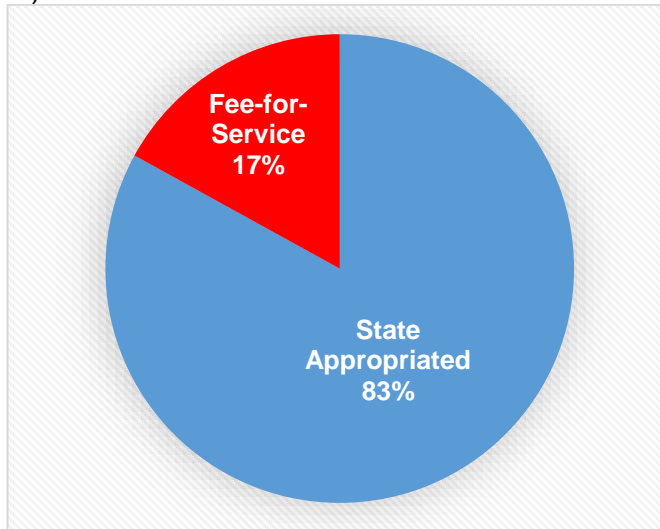
Training

Comprehensive offering of health and safety-related training courses and workshops.

- Best Practices Courses
- Customized Safety Training-Fee
- General Safety Courses
- Online Training
- Regulatory Compliance Courses

How is EH&S funded?

The bulk of EH&S funding comes from state appropriated funds. A small percentage (17%) comes from Fee-for-Service.



Who pays for our services?

EH&S internal clients will pay for non-core services. External Clients pay for all EH&S services.

Who is internal and external clients?

Departments that have an ISU account number are internal. Clients that have an Accounts Receivables account number are external.

The table below is a quick reference guide. It is not all-inclusive.

EH&S Clients	Billing Type
Alumni Association	Internal Rate
Ames Laboratory	Internal Rate
Athletics	Internal Rate
Department of Residence	Internal Rate
Fire Service Training Bureau	Internal Rate
Iowa State Center	Internal Rate
ISU Departments	Internal Rate
ISU Foundation	Internal Rate
ISU Information Center	Internal Rate
ISU Research Farms	Internal Rate
Memorial Union	Internal Rate
NADC & Other Federal Government Entities	External Rate
Printing and Publications	Internal Rate
Recreation Services	Internal Rate
Research Park	External Rate
Thielen Student Health Center	Internal Rate
USDA	External Rate

What are the cost of our services for internal clients?

Fee Schedule for FY18

The standard hourly rate for EH&S services is \$83.00/hr

Asbestos Management Services

- Project Monitoring \$83/hr plus materials
- Surveys \$83/hr plus materials
- Sampling \$83/hr plus materials
- Laboratory Analysis
 - Air Sampling (Same Day Analysis) \$27/sample
 - Bulk Sample (Same Day Analysis) \$25/sample
- Disposal
 - Bag \$2.50/bag
 - Parcel \$6/parcel
 - Barrel \$10/barrel

Biosafety Services [Contracted through BalCon]

- Biosafety Safety Cabinet certification \$160
- Biosafety Safety Cabinet HEPA Filters cost estimate
- Biosafety Safety Cabinet Repair cost estimate
- Laminar Flow Clean Bench Certification \$150

Chemical Waste Management

- Unknown chemical identification/analysis \$83/hr plus materials
- High hazard chemical stabilization/disposal \$83/hr plus disposal cost
- Non-routine chemical waste removal (lab cleanouts, abandoned chemicals/equipment, radiological materials, incineration, etc.) \$83/hr plus disposal cost

Emergency Management Services

- AED Replacement Key \$10
- Monitored AED Cabinet \$197
- Monitored Portable AED \$183

Ergonomic Evaluations

- Basic Workstation Evaluation \$249
- Other Evaluations \$83/hr

Fire Extinguisher Services

- Fire Extinguisher Hydrostatic Testing *model dependent \$154-\$167
- Fire Extinguisher Installation/Replacement \$67-\$782*
- Fire Extinguisher Refill \$25-\$445*
- Monthly/Annual Inspections \$7
- ABC 6 year service \$15
- Class K 6 year service \$64
- Halotron 6 year service \$31
- CO2 5 year service \$31
- Water Mist 5 year service \$25

Indoor Environment Quality

- Odor Calls \$83/hr plus materials
- Exposure Monitoring \$83/hr plus materials
- Ventilation Studies \$83/hr plus materials
- Laboratory Sample Analysis sample type dependent

LASER Safety Support Services	
• Hazard Assessments	\$83/hr plus materials
• Compliance Audits	\$83/hr plus materials
• Disposal	\$83/hr plus disposal cost
• Tetrahertz Hazard Assessments	\$83/hr plus materials
Lead Management Services	
• Project Monitoring	\$83/hr plus materials
• Surveys	\$83/hr plus materials
• XRF Analysis	\$20/sample
• Laboratory Sample Analysis	sample type dependent
• Disposal	\$83/hr plus disposal cost
Mold Management Services	
• Monitoring	\$83/hr plus materials
• Surveys	\$83/hr plus materials
• Sampling	\$83/hr plus materials
• Laboratory Analysis	sample type dependent
Non-Domestic Waste Water	\$83/hr (quarterly sampling)
Non-Ionizing Safety	
• Microwave Surveys and Leak Testing	\$83/hr plus materials
• Electromagnetic Field (ELF) Surveys	\$83/hr plus materials
• Radiofrequency (RF) Surveys	\$83/hr plus materials
Property Transfer Environmental Audit	\$1,411
Radiation Safety Management Services	
• X-Ray Registration	\$20-\$51*
	*device dependent
• Personnel Dosimetry (non-required)	\$93/badge annually
• Radioactive Materials Lock Box	\$70
• Radiation Survey Instrument Calibration	\$83/instrument
• Radiation Survey Instrument Rental	\$73-\$101
• Radiation Survey Instrument Repairs	
Minor repairs	\$42
Major repairs	Min. \$100 fee for in-house repair; cost plus handling fee for outsourced repairs
• Radon Monitoring	
Base Survey	\$196 (1-5 samples)
Other Surveys	cost estimate
Safety Signage (custom)	\$27/sign
Storage Tank Services (AST & UST)	\$83/hr
Storm Water Discharge	
• IDNR 3-year Permit	\$455
• IDNR Annual Permit	\$280
• Inspection	\$83/inspection
• SWPP Review	\$83/hr

Tax Free Ethanol Permit Application Fee \$50/approved user

Training - Specialized/Department Specific Safety

• Department Specific Course ≤2 hrs	\$1,162
• Department Specific Course 4 hrs	\$1,826
• Department Specific Course 8 hrs	\$3,652
• External client attendance at regularly scheduled (Call for estimate online safety training courses	
CPR/AED/First Aid Training	\$47
CPR/AED/First Aid Training, 6 hrs for Group/Departm	\$525
CPR/AED Training, 3 hrs for Group/Department	\$450
OSHA 8 hour HAZWOPER Training	\$165
Scaffold Training	\$102

Contact EH&S for project estimate

Fees are subject to change

What are the costs for external clients?

Iowa State University External Clients should contact EH&S for estimates at 515-294-5359 or ehsbilling@iastate.edu.