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.

<table>
<thead>
<tr>
<th>EH&amp;S Clients</th>
<th>Billing Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni Association</td>
<td>Internal Rate</td>
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<tr>
<td>Ames Laboratory</td>
<td>Internal Rate</td>
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<tr>
<td>Athletics</td>
<td>Internal Rate</td>
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<tr>
<td>Department of Residence</td>
<td>Internal Rate</td>
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<tr>
<td>Fire Service Training Bureau</td>
<td>Internal Rate</td>
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<tr>
<td>Iowa State Center</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>ISU Departments</td>
<td>Internal Rate</td>
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<tr>
<td>ISU Foundation</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>ISU Information Center</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>ISU Research Farms</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>Memorial Union</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>NADC &amp; Other Federal Government Entities</td>
<td>External Rate</td>
</tr>
<tr>
<td>Printing and Publications</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>Recreation Services</td>
<td>Internal Rate</td>
</tr>
<tr>
<td>Research Park</td>
<td>External Rate</td>
</tr>
<tr>
<td>Thielen Student Health Center</td>
<td>Internal Rate</td>
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<tr>
<td>USDA</td>
<td>External Rate</td>
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</tbody>
</table>
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 Package (Wall Mounted) $1,684
- Monitored AED Cabinet Package (Semi-Recessed) $1,700
- Monitored Portable AED Package $1,416

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

Fire Extinguisher Services *model dependent
- Fire Extinguisher Hydrostatic Testing $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
<table>
<thead>
<tr>
<th>Service Description</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td><strong>Indoor Environment Quality</strong></td>
<td></td>
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<tr>
<td>• Odor Calls</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Exposure Monitoring</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Ventilation Studies</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Laboratory Sample Analysis</td>
<td>sample type dependent</td>
</tr>
<tr>
<td><strong>LASER Safety Support Services</strong></td>
<td></td>
</tr>
<tr>
<td>• Hazard Assessments</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Compliance Audits</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Disposal</td>
<td>$83/hr plus disposal cost</td>
</tr>
<tr>
<td>• Tetrahertz Hazard Assessments</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td><strong>Lead Management Services</strong></td>
<td></td>
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<tr>
<td>• Project Monitoring</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Surveys</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• XRF Analysis</td>
<td>$20/sample</td>
</tr>
<tr>
<td>• Laboratory Sample Analysis</td>
<td>sample type dependent</td>
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<tr>
<td>• Disposal</td>
<td>$83/hr plus disposal cost</td>
</tr>
<tr>
<td><strong>Mold Management Services</strong></td>
<td></td>
</tr>
<tr>
<td>• Monitoring</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Surveys</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Sampling</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Laboratory Analysis</td>
<td>sample type dependent</td>
</tr>
<tr>
<td><strong>Non-Domestic Waste Water</strong></td>
<td>$83/hr (quarterly sampling)</td>
</tr>
<tr>
<td><strong>Non-Ionizing Safety</strong></td>
<td></td>
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<tr>
<td>• Microwave Surveys and Leak Testing</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Electromagnetic Field (ELF) Surveys</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td>• Radiofrequency (RF) Surveys</td>
<td>$83/hr plus materials</td>
</tr>
<tr>
<td><strong>Property Transfer Environmental Audit</strong></td>
<td>$1,411</td>
</tr>
<tr>
<td><strong>Radiation Safety Management Services</strong></td>
<td></td>
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<tr>
<td>• X-Ray Registration</td>
<td>$20-$51*</td>
</tr>
<tr>
<td>*device dependent</td>
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<tr>
<td>• Personnel Dosimetry (non-required)</td>
<td>$93/badge annually</td>
</tr>
<tr>
<td>• Radioactive Materials Lock Box</td>
<td>$70</td>
</tr>
<tr>
<td>• Radiation Survey Instrument Calibration</td>
<td>$83/instrument</td>
</tr>
<tr>
<td>• Radiation Survey Instrument Rental</td>
<td>$73-$101</td>
</tr>
<tr>
<td>• Radiation Survey Instrument Repairs</td>
<td>$42</td>
</tr>
<tr>
<td>Minor repairs</td>
<td>Min. $100 fee for in-house repair; cost plus handling fee for outsourced repairs</td>
</tr>
<tr>
<td>Major repairs</td>
<td></td>
</tr>
<tr>
<td><strong>Radon Monitoring</strong></td>
<td></td>
</tr>
<tr>
<td>• Base Survey</td>
<td>$196 (1-5 samples)</td>
</tr>
<tr>
<td>• Other Surveys</td>
<td>cost estimate</td>
</tr>
</tbody>
</table>
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 $1,244
- Department Specific Course 4 hrs $1,954
- Department Specific Course 8 hrs $3,908
- External client attendance at regularly scheduled or online safety training courses Call for estimate

CPR/AED/First Aid Training $50
CPR/AED/First Aid Training, 6 hrs for Group/Departments $562
CPR/AED Training, 3 hrs for Group/Department $482
OSHA 8 hour HAZWOPER Training $176
Scaffold Training $80

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.