Environmental Health and Safety
Iowa State University

Services and Fees

July 2018
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 mission?
Prevent illness and injury, protect the environment, and connect the university to the message of safety and preparedness.

We will...
• Deliver effective education
• Foster beneficial partnerships
• Maintain technical expertise
• Provide exemplary service

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 Producing Devices
- 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>
<th>Services Billed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni Association</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Ames Laboratory</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Athletics</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Department of Residence</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Fire Service Training Bureau</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Iowa State Center</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>ISU Departments</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>ISU Foundation</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>ISU Information Center</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>ISU Research Farms</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Memorial Union</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>NADC &amp; Other Federal Government Entities</td>
<td>External Rate</td>
<td>All EH&amp;S Services</td>
</tr>
<tr>
<td>Printing and Publications</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Recreation Services</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>Research Park</td>
<td>External Rate</td>
<td>All EH&amp;S Services</td>
</tr>
<tr>
<td>Thielen Student Health Center</td>
<td>Internal Rate</td>
<td>Non-Core Services</td>
</tr>
<tr>
<td>USDA</td>
<td>External Rate</td>
<td>All EH&amp;S Services</td>
</tr>
</tbody>
</table>
What are the billing rates of our services for internal clients?

### Fee Schedule for FY19

#### Asbestos Management Services
- **Project Monitoring**: $145/hr plus materials
- **Surveys**: $145/hr plus materials
- **Sampling**: $145/hr plus materials
- **Laboratory Analysis**
  - Air Sampling (Same Day Analysis): $40/sample
  - Bulk Sample (Same Day Analysis): $45/sample
- **Disposal**
  - Bag: $5/bag
  - Parcel: $10/parcel
  - Barrel: $10/barrel

#### Biosafety Services [Contracted through BalCon]
- **Biosafety Safety Cabinet certification**: $135
- **Biosafety Safety Cabinet HEPA Filters**
- **Biosafety Safety Cabinet Repair**
- **Laminar Flow Clean Bench Certification**: $70

#### Chemical Waste Management
- **Unknown chemical identification/analysis**: $95/hr plus materials
- **High hazard chemical stabilization/disposal**: $95/hr plus disposal cost
- **Non-routine chemical waste removal (lab cleanouts, abandoned chemicals/equipment, radiological materials, incineration, etc.)**: $95/hr plus disposal cost

#### Emergency Management Services
- **AED Replacement Key**: $10
- **Monitored AED Cabinet Package (Wall Mounted)**: $1,740
- **Monitored AED Cabinet Package (Semi-Recessed)**: $1,755
- **Monitored Portable AED Package**: $1,470

#### Ergonomic Evaluations
- **Basic Workstation Evaluation**: $285
- **Other Evaluations**: $95/hr

#### Fire Extinguisher Services
- **model dependent**: $155-$165
- **Fire Extinguisher Installation/Replacement**: $70-$785*
- **Fire Extinguisher Refill**: $35-$445*
- **Monthly/Annual Inspections**: $10
- **ABC 6 year service**: $20
- **Class K 5 year service**: $100-$145
- **CO2 5 year service**: $30
- **Water Mist 5 year service**: $35-$40
<table>
<thead>
<tr>
<th>Service Type</th>
<th>Description</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td><strong>Indoor Environment Quality</strong></td>
<td></td>
<td></td>
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<tr>
<td>- Odor Calls</td>
<td></td>
<td>$95/hr plus materials</td>
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<tr>
<td>- Exposure Monitoring</td>
<td></td>
<td>$95/hr plus materials</td>
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<tr>
<td>- Ventilation Studies</td>
<td></td>
<td>$95/hr plus materials</td>
</tr>
<tr>
<td>- Laboratory Sample Analysis</td>
<td></td>
<td>sample type dependent</td>
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<tr>
<td><strong>LASER Safety Support Services</strong></td>
<td></td>
<td></td>
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<tr>
<td>- Hazard Assessments</td>
<td></td>
<td>$95/hr plus materials</td>
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<tr>
<td>- Compliance Audits</td>
<td></td>
<td>$95/hr plus materials</td>
</tr>
<tr>
<td>- Disposal</td>
<td></td>
<td>$95/hr plus disposal cost</td>
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<tr>
<td>- Tetrahertz Hazard Assessments</td>
<td></td>
<td>$95/hr plus materials</td>
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<tr>
<td><strong>Lead Management Services</strong></td>
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<tr>
<td>- Project Monitoring</td>
<td></td>
<td>$145/hr plus materials</td>
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<tr>
<td>- Surveys</td>
<td></td>
<td>$145/hr plus materials</td>
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<tr>
<td>- XRF Analysis</td>
<td></td>
<td>$20/sample</td>
</tr>
<tr>
<td>- Laboratory Sample Analysis</td>
<td></td>
<td>sample type dependent</td>
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<tr>
<td>- Disposal</td>
<td></td>
<td>$145/hr plus disposal cost</td>
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<tr>
<td><strong>Mold Management Services</strong></td>
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<tr>
<td>- Monitoring</td>
<td></td>
<td>$95/hr plus materials</td>
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<tr>
<td>- Surveys</td>
<td></td>
<td>$95/hr plus materials</td>
</tr>
<tr>
<td>- Sampling</td>
<td></td>
<td>$95/hr plus materials</td>
</tr>
<tr>
<td>- Laboratory Analysis</td>
<td></td>
<td>sample type dependent</td>
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<tr>
<td><strong>Non-Domestic Waste Water</strong></td>
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<td></td>
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<tr>
<td>- Monitoring</td>
<td></td>
<td>$95/hr (quarterly sampling)</td>
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<tr>
<td><strong>Non-Ionizing Safety</strong></td>
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<td></td>
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<tr>
<td>- Microwave Surveys and Leak Testing</td>
<td></td>
<td>$95/hr plus materials</td>
</tr>
<tr>
<td>- Electromagnetic Field (ELF) Surveys</td>
<td></td>
<td>$95/hr plus materials</td>
</tr>
<tr>
<td>- Radiofrequency (RF) Surveys</td>
<td></td>
<td>$95/hr plus materials</td>
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<tr>
<td><strong>Property Transfer Environmental Audit</strong></td>
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<tr>
<td>- Radon Monitoring</td>
<td></td>
<td>$1,415</td>
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<tr>
<td><strong>Radiation Safety Management Services</strong></td>
<td></td>
<td></td>
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<tr>
<td>- X-Ray Registration</td>
<td></td>
<td>$20-$50*</td>
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<tr>
<td>- Personnel Dosimetry (non-required)</td>
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<td>*device dependent</td>
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<tr>
<td>- Radioactive Materials Lock Box</td>
<td></td>
<td>$105/badge annually</td>
</tr>
<tr>
<td>- Radiation Survey Instrument Calibration</td>
<td></td>
<td>$70</td>
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<tr>
<td>- Radiation Survey Instrument Rental</td>
<td></td>
<td>$95/instrument</td>
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<tr>
<td>- Radiation Survey Instrument Repairs</td>
<td></td>
<td>$75-$100</td>
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<tr>
<td>→ Minor repairs</td>
<td></td>
<td>$48</td>
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<tr>
<td>→ Major repairs</td>
<td></td>
<td>Min. $100 fee for in-house repair; cost plus handling fee for outsourced repairs</td>
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<tr>
<td>- Radon Monitoring</td>
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<td>$195 (1-5 samples)</td>
</tr>
<tr>
<td>→ Base Survey</td>
<td></td>
<td>cost estimate</td>
</tr>
<tr>
<td>→ Other Surveys</td>
<td></td>
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</tr>
</tbody>
</table>
Signage (Custom) $30

Storage Tank Services (AST & UST) $95/hr

Storm Water Discharge
- IDNR 3-year Permit $470
- IDNR Annual Permit $295
- Inspection $115/inspection
- SWPP Review $95/hr

Tax Free Ethanol Permit Application Fee $50/approved user

Training
- CPR/AED/First Aid Training $42
- CPR/AED/First Aid Training, 6 hrs for Group/Departments $636
- CPR/AED Training, 3 hrs for Group/Department $293
- OSHA 8 hour HAZWOPER Training $175
- Respirator Fit Testing (special request)
  → N-95 Mask Initial/Recertification $75/$55
  → ½, Full Initial/Recertification $105/$85
- Scaffold Training $80
- Specialized/Department Specific Safety
  → Department Specific Course ≤2 hrs $1,425
  → Department Specific Course 4 hrs $2,240
  → Department Specific Course 8 hrs $4,475
  → External client attendance at regularly scheduled or online safety training courses Call for estimate

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.