



## Lab Signage (Area Safety)

The **EHSIntegrator Lab Signage (Area Safety) module** allows the recording of various exposure risks that users might encounter in Labs and related support areas and enables you to print Signage about them.

For each lab or area, data on the following items can be recorded:

- **Hazard Categories/Types** – categories, risk levels, and important considerations
- **Related Reprint Areas** – additional doors/entrance ways to space that also need signs
- **Roles** – identify primary researchers, lab supervisors, emergency contacts, etc.
- **Emergency Response Guidelines** – response guidelines for general or specific activities
- **Emergency Equipment** – what emergency equipment exists and where its located
- **Hazard/Safety Symbols** – both data driven and user selectable symbols

## Metrics & Management

Get Safety Area/Lab list reports by Building, Campus Area, Functional Area Type, Particular Hazard Category, Principal, or People with specific area related roles.

Metrics identifying the number of labs/areas by location, building, and/or hazard.

## Elements

Hazard Attributes	Related Optional Elements
<ul style="list-style-type: none"> <li>• Biological – yes/no, plus risk rank and specific agents</li> <li>• Chemical – yes/no, plus risk rank and specific hazards</li> <li>• Radiation – yes/no, plus risk rank and specific isotopes</li> <li>• Classes of hazard symbols -- user definable types</li> <li>• User configurable rules to drive symbol selection</li> </ul>	<ul style="list-style-type: none"> <li>• Principal Profiles</li> <li>• Hazard Inventories</li> <li>• Equipment Inventory</li> </ul>

*Sample Lab Sign on Next Page.*

# EHS Integrator



## Sample Lab Sign

<b>COLL</b>		COLLEGE Laboratory	
Police, Fire, Ambulance	911	Security	203
Environmental Health & Safety	203	Facilities Customer Service	203
Principal Investigator	Work Phone	Lab Manager (Other)	Work Phone
Emma Boule	123-6788	Michelle Smith	345-3456
Johnny Watson	234-1234	Steve Gates	456-3456
EHS Safety Advisor:		Work Phone:	



### Other Potential Hazards



### Entrance Requirements



### Use Restrictions



### Safety Equipment Available



**\*\*\* Laboratory Access Restricted to Authorized Personnel Only \*\*\***



## Inventory (Lab Equip, Tanks, Work Shops, etc.)

The **EHSIntegrator Inventory module** provides the ability to track many common details of various items of Safety Equipment, such as:

- **Standard attributes** -- serial number, manufacturer, model, and item codes
- **Equipment specific attributes** – type information and equipment specific attributes
- **Location** -- building, room, and area qualifier
- **User defined roles** -- owners, users, etc.
- **User definable activities** -- inspections, servicing, etc.

By giving all pieces of equipment common general attributes, searches for all equipment in a particular area, for a particular Principal, and/or specific person can be easily performed. Also, it makes it easier to perform various tasks for them.

Custom attributes are added for each separate type of inventory implemented on our platform. The table below lists ones already in-use and others awaiting adoption.

## Metrics & Management

Equipment list reports identifying all equipment by Make, Mode, Class, Room/Lab, Building, Campus Area, and Principal. Lists of equipment on which some activity was performed during a specific range of dates. Counts of equipment by campus area, building, etc. can be achieved.

## Elements

Attribute Sets	Equipment Types	Related Elements
<ul style="list-style-type: none"> <li>• Standard equipment attributes</li> <li>• Custom equipment attributes</li> <li>• Location</li> <li>• User definable roles</li> <li>• User definable activities</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lab Safety - implemented:</b> Autoclaves, Biosafety Cabinets, Emergency Washes, Fume Hoods,</li> <li>• <b>Lab Safety – awaiting adoption:</b> <i>Cold Storage Units, Electron Microscopes, Geiger Counters, LSC Counters, Lasers, X-rays</i></li> <li>• <b>OTHER - implemented:</b> Tanks Above/Below Ground, Work Shops</li> <li>• <b>Other – awaiting adoption:</b> <i>Confined Spaces, Defibrillators</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Core</b> ...Buildings ...People</li> <li>• <b>Core Profile</b> ...Principals</li> <li>• <b>Surveys</b> ...Pre-inspection Guides</li> </ul>