

EHS Response Week of October 21st – October 27th

Primary Response Person: Angie Birnbaum

Beeper #: 781-532-7855
Cellular #: 914-406-0263

Home Phone # 914-406-0263
Work Phone # 617-253-8409

Secondary Response Person(s)

BioSafety Program

Response Person: Refer To Primary
Beeper #
Home Phone #
Work Phone #
Cellular #:

Environmental Management Program

Response Person: Zhanna Davidovitz
Beeper # 617-430-7166
Home Phone # 617-489-7816
Work Phone # 617-452-2510
Cellular #: 617-593-8851

Industrial Hygiene Program

Response Person: Marilyn Hallock
Beeper # 617-465-5400
Home Phone # 781-259-9280
Work Phone # 617-253-0344
Cellular #: 617-828-2304

Radiation Protection Program

Response Person: Judi Reilly
Beeper # 617-339-9636
Home Phone # 978-710-6402
Work Phone # 617-253-2316
Cellular #: 978-807-5947

Please Contact IHP For the Day Call Listing

Safety Program

Response Person: Jim Rowlings
Beeper # 617-339-4840
Home Phone # 617-283-3608
Work Phone # 617-258-5646
Cellular #: 617-828-2309

To reach the secondary response person, please call the appropriate number listed. You will hear a series of beeps. It is at this point you would put the phone number you want the person to call back followed by the # (pound) symbol. At this point you will hear another series of beeps. You can hang up. Your call has been sent.

Note:
EHS Response on
“Emergency” notification list

Bill V and Lou D on “ERT”
and “Emergency” notification
lists

Safety Program on “ALL ”
notification lists

School of Science on “ERT”
and “Emergency” notification
lists

Additional Numbers & Information		EHS Responsibility	
David Barber	Cell # 617.719.1205	Home # 401.785.0926	Primary
Lou DiBerardinis	Cell # 617.799.6315	Home # 781.239.3671	Secondary
Bill VanSchalkwyk	Cell # 617.593.8852	Home # 978.448.6564	Tertiary
MIT Police Department	617.253.1212		
Harvard University (Mutual Aid)	617.495.5560	Request Page to Harvard’s EHS	
Lincoln Labs	781.981.2380 Bus. Hrs 339-223-5078 Blackberry 508-678-1028 home 508-685-6526 cell	Bill Ryan	All EHS Programs
Whitehead Inst.	Safety@wi.mit.edu 617.888.5198	Kevin Gibson Pari Arokiaraj Bill Donovan	RPP and IHP only
Draper Labs	617.258.2990 Bus. Hrs 617.258.4505 Aft. Hrs.	Bob Najjar	RPP, BSP, IHP only
Real Estate: Michael Fahey John Sullivan Michael Owu	Cell # 617.285.3941 617.780.9087 617.699.2026	Home # 978.887.9124 781.944.9452 617.625.9795	Office # 617.258.5771 617.864.8905 617.258.5634

Specific Approach to Significant Incidents

- Ensure that Bill V. +/- Lou D. are contacted for any of the following:
 - Extended or prolonged evacuation of building; CFD HAZMAT on scene, injury or death
- Call in immediately and respond **in person** to area for any of the following:
 - Injury/Death; Property damage; Environmental release or threat; CFD HAZMAT on scene; Building evacuation; Unresolved Issues; If EHS Requested
- (**Remember**, if you question whether you should respond in person or not, **you should respond in person**)
- Contact EHS Coordinators* as soon as is reasonably possible at any time day or night for any of the following:
 - Injury/Death; Property damage; Environmental release or threat; CFD HAZMAT on scene; Building evacuation; Unresolved Issues
 - EHS Coordinators (including SOS) can be contacted for assistance if necessary, not just for notification of event.EXCEPTION: Barbara Engel, HST; Pat Burkhart.
- Contact EMP if potential release to environment exists for MIT Contingency Plan activation.

General Approach

- Keep this document on your person 24/7 during your response rotation
 - Wear/display your MIT identification
 - Look for Incident Command Post/Incident Commander
- Identify if materials spilled and present in area
 - Speak to occupant(s) +/- witnesses
 - If not present use green card info to call someone from lab or Building or Department
 - Green card information available thru Operations Center Brio Query program (installed on all Ops. Center computers) You may need to remind Operators that they have this resource available.
- Enter room/area to assess conditions and take defensive actions only if this can be done safely
 - May need PPE/RPE (not all EMS responders approved for RPE)
 - Turn valves on or off (may need lab user or facilities advice)
 - Turn off sources of ignition if it can be done (may need lab users advice)
 - Contain spilled material if present and can be done safely
- Consider the possibility of chemicals, radiation or biological being present and contact the appropriate back-up for help.
- Record as much as possible for later incident investigation

NOTES

- For fires/explosions or major spills Cambridge Fire Department is called and assumes command.
- For radiation calls **always** get RPP involved in decision-making due to some NRC requirements.
- For biological spills call BSP for advice on decontamination and for any reporting requirements.
- For Toxic Gas Alarms in Bldgs. 13, 39 follow the procedures outlined in the specific building plan (see below).
- For chemical spills outside or near drains or incidents involving lab wastewater alarms, consult with Environmental Management Program about reporting requirements.
- Residential Administrative Staff Emergency Response
 - Dennis Collins Director of Housing– (617) 253-5145
 - Chris Nolan Assistant Director Renovations & Construction– (617) 719-2590
 - Phil Hotchouel Mgr. Reno/Constr. – (617) 719-2410
 - Off Hours House Manager: Unit 12 available through Facilities Operations Center at 3-1500
- If there is an indoor air quality problem at the Johnson Ice Arena, immediately notify the IHP on-call representative. IHP rep, please see https://web.mit.edu/environment/pdf/sop/sop_0074.pdf for information on rink IAQ incident protocol.

Toxic gas Alarm response in Buildings 13 and 39

If a toxic gas alarm comes into the Operations Center, EHS response person is notified that there is an alarm condition. For Building 13 they should tell you whether it is the Kimmerling lab in 13-1150, the Fitzgerald lab in 13-5137 or the Gradecak lab in 13-5027. For building 39 they may tell you what floor the alarm came from but the response team is the same for the entire building. Research personnel and the Safety Program are also notified. The research personnel report to the building to trouble shoot the alarm. A MOD mechanic is dispatched to the alarm panel in the lobby of the building. The monitors are Zellweger units which detect hydride gases at concentrations well below the TLV(arsine, silane, phosphine, diborane, or germane). In 3-1130 there are also hydrogen/LEL and oxygen deficiency alarms. In 39 there is also a hydrogen alarm.

EHS Primary response person notifies IHP about the incident. The role of IHP, as subject matter expert, is to find out if researchers determined whether or not the monitor showed a stain discoloration and if so then an actual leak occurred and IHP reports in to give operations the final “all-clear”. If no leak occurred, then IHP does not have to report in and no further action is necessary.

Location of Spill Carts or Materials on Campus

Bldg 32-013 has a major supply of EHS Spill absorbent materials: gloves, level C suits, SCBA, etc. Use EX-1 key (EHS front door key).

E18-043 has additional stores of EHS department spill materials- EMP and SP have keys. Use EX-1 key (EHS front door key)

N52-496 (IHP Lab) has spill pillows and Hg vacuum

N52-496 (BSP Lab) has disinfectant

E19-Facilities has spill absorbent material (DOF Stockroom) see mechanic on duty for entry. Also in NW62.

Most Labs have small quantities of spill response material

Emergency Equipment Available at EHS

Personal Protective Equipment N52-496 (IHP Lab) in Equipment Room

Spill Materials _____

Geiger Counters _____

Bleach, etc. _____

Location of Electronic Incident Report Template

When EHS responds to an emergency, the Primary will fill out an “Emergency Incident Report Form,” which can be found at the following location:

M:\EHS Response\Current Incident Report Form\EHS_Incidet_Emergency_Response_Form_Template.doc

The report should then be filed in the To Be Entered in SAP Incident Reports folder, found at:

M:\EHS Response

NOTE: If using a paper copy of the report please scan it in (via the front desk copier) and save the PDF to the current year folder on the M drive, using the following file naming format: yearmonthday_location_description and give a copy to Melissa Kavlakli (mjpotter@mit.edu)

*School of Science receives all “emergency” and “ERT” pages. School of Science includes:

Departments	Labs or Centers
Biology	Bates Linear Accelerator
Brain and Cognitive Sciences	Koch Institute for Integrative Cancer Research
Chemistry	Experimental Study Group
Earth, Atmospheric and Planetary Sciences	Laboratory for Nuclear Science
Mathematics	McGovern Institute for Brain Research
Physics	MIT Kavli Institute for Astrophysics & Space Research
	Picower Institute for Learning and Memory
	Spectroscopy Laboratory
Cambridge Fire Department	617-349-4900
FM Global	888-606-4570 Index # 12699.50