

BioRAFT Inspection Module Guide



| Welc | ome, | Martin | W | Be |
|------|------|--------|----|-----|
| Home | Sup | port | Lo | gou |

| Find Individual or Group Search | Welcome to BioRAFT | | |
|--|---|---|---|
| Research Management Academic Management | Announcements There are no recent announcements View All Announcements Au | dd Announcement | Description Description 09/07/2016 Drexel EHS - Lab Inspection Reprint - 09/06/2016 Drexek EHS - Inspection Report - 09/06/2016 Drexek EHS - Inspection Report - 09/06/2016 |
| Inspections Bell Lab | Required Training | 09/06/2016 Drexek EHS - Inspection Report | |
| Research Tools Training | Course Name | Renewal Date | |
| + My Account | Laboratory Equipment Safety Emergency Response | 09/21/2016 | Compliance Summary for Bell Lab |
| | Clinical Hazardous Waste Management | 09/22/2016 | Training: |
| | Fire and Life Safety | 09/22/2016 | |
| | Hydrofluoric Acid Safety | 10/01/2016 | |

Needle Sticks and Needle 10/22/2016



Table of Contents

| OVERVIEW | 3 |
|--|----|
| BIORAFT INSPECTION MODULE FEATURES | 3 |
| BIORAFT TERMINOLOGY | 4 |
| LABORATORY PROFILE | 4 |
| INSPECTIONS | 5 |
| SEVERITY LEVELS | 7 |
| INSPECTION WORK FLOW | 9 |
| INSPECTION STATUS | 11 |
| INSPECTION EMAIL | 12 |
| INSPECTION REPORT VIEW INSIDE THE SYSTEM | 14 |
| INSPECTION REPORT CONFIRMATION | 15 |
| REMINDERS AND FOLLOW-UP NOTIFICATIONS | 15 |
| INSPECTION CORRESPONDENCE | 19 |
| Pending Inspector Review | 22 |
| INSPECTION REPORT FINALIZED | 23 |
| ACCESS RECENT LABORATORY INSPECTIONS | 24 |
| COMPLIANCE INBOX | 24 |
| LAB INSPECTION LOG | 25 |
| VIEW AN INSPECTION REPORT | 27 |
| SELF-INSPECTIONS | 28 |
| SELF-INSPECTION LOG | 28 |
| ADD A NEW SELF-INSPECTION | 29 |
| REVIEW COMPLETED SELF-INSPECTION | 31 |



Overview

This guide serves as an introduction to the BioRAFT system that will be used as a web-based safety and compliance management platform to support academic, clinical, and research operations.

The purpose of the BioRAFT laboratory inspection system is to assist supervisors in maintaining compliance with regulatory agencies and to ensure a safe and healthy work environmental for students, faculty and staff.

In addition to inspections, BioRAFT will also be used for self-inspections, training, and correspondence with Drexel supervisors.

BioRAFT Inspection Module Features

- BioRAFT uses wireless technology to access the Environmental Health and Safety (EHS) online inspection system and may be accessed anytime at <u>https://drexel.bioraft.com</u>.
- Electronically sends inspection reports immediately upon completion of the inspection. Automatically emails reminders and follow-up notices to the supervisor and compliance liaisons. Department Head will be notified of unresolved findings.
- The supervisor may designate one or more group compliance liaisons to receive and access inspection reports and other compliance related notifications.
- The supervisor and group compliance liaisons are able to document corrective actions for inspection findings. This record can be accessed by the supervisor, the group compliance liaison, the department head, and Environmental Health and Safety.
- > The system tracks all correspondence between the supervisor and inspector.
- The system tags and tracks findings that have been observed at least once within the last 18 months.
- Supervisors, group compliance liaisons and department heads are able to search inspections by inspection type, status, and date.
- > The supervisor and group compliance liaison can conduct self-inspections.



• Compliance dashboards can be accessed by the compliance liaison, supervisor, department head, and Environmental Health and Safety.

BioRAFT Terminology

Laboratory or Lab – this term is used to designate the supervisor, principal investigator, or clinical practice manager. For example, Martin Bell would be designated as the Bell Lab. Laboratory in this system is not associated with a physical space.

Space – this term is used to identify physical spaces (i.e. room 153).

Group Compliance Liaison – this term is used to designate individuals responsible for a specific laboratory's compliance. The supervisor or principal investigator can delegate the responsibility to individuals working for them. For example, Joe Nihill is the group compliance liaison for the Bell Lab.

Laboratory Profile

The Lab Profile provides the following:

- Lab contact information.
- List of members.
- List of spaces associated with the lab.
- Compliance Dashboard.
- Training records.
- Documents, notes or forms uploaded by the supervisor or group compliance liaison.
- Lab inspection log.
- Correspondence.
- Lab Categories.
- Hazard Categories.

The supervisor can manage and review all information in the profile.



| ummary Spaces Doc ell Lab | uments Forms Notes Lab Inspections | Correspondence |
|---|--|---|
| Contact Info Principal Investigator: Group Compliance Liaison: Department: Building: Room Number: Mail Code: Phone 1: | Martin W Bell James R Klinger Jeffrey D Nemetz Joseph R Nihill Environmental Health and Safety 1 400 North 31st Street 215-895-5892 | Compliance Summary Training: |
| Phone 2: Fax Number: | 215-778-4278 | |
| Research Focus | | |
| The overall focus of my g students. | roup is to provide a safe and healthy working | and learning environment for employees and |
| Lab Categories: No Cat | egories 😡 | |
| Major Hazard Categorie Activities | s: Biological, Chemical, Ionizing Radiation, I | Ion-Ionizing Radiation, Physical, Regulated |
| | | |

Inspections

The inspections will cover but not limited to the following topics:

- Biological Safety
- Chemical Safety
- Compressed Gas Cylinder Safety
- Fire and Life Safety
- General Laboratory Safety
- Hazard Communication
- Personal Protection
- Radiation Safety
- Training
- Waste Handling



- Mechanical Safety
- Machine Safety
- Equipment Safety

The inspector will be able to:

- Include other comments, recommendations, or corrective actions not directly covered in the above topics.
- Input severity level in the comment section. These levels are initially set to low priority. The inspector will use his or her judgment to determine the severity level.
- Include pictures to help identify any findings.
- Include attachments for missing or helpful documents.
- Identify repeated findings.

| | Yes | No | N/A | |
|---|---|--|---|------------------------------|
| Are compressed gas cylinders capped when not in use? $^{()*}$ (+2) | \circ | 0 | \bigcirc | Hide Deta |
| Comments/Corrective Actions: | | | | |
| Protective cap must be in place when transporting compressed gas cylind immediate use in the lab; excess inventory should be stored in loading doc Corrective Action(s): Gas cylinders (empty or full) must be capped at all tir stem. Regulators must be removed from compressed gas cylinders if they equipment. Gas cylinders must be capped when transported. Cylinder car Contact Drexel EHS at safeheal@drexel.edu if you need assistance. Severity Level 2 | ers; Store only k cages or orc nes when not i are not in use ts must be use | e cylind lered a in use or hoo ed to n | lers neede is needed to protect oked up to nove cylin | ed for the valve ders. |
| | achment(s) | | > | |
| Add Att | | | | |
| Add Att | | | | |
| Add Att Academy of Natural Science - Research - 216 Academy of Natural Science - Research - 216.5 | | | | |
| Add Att Academy of Natural Science - Research - 216 Academy of Natural Science - Research - 216.5 New College Building - B42 | | | | |
| Add Att Academy of Natural Science - Research - 216 Academy of Natural Science - Research - 216.5 New College Building - B42 Queen Lane - G92B | | | | |



Severity Levels

Findings noted during an inspection will be classified using a 4-point scale, with Level 4 indicating the greatest severity. The severity level will be included with the description of any findings during the inspection. The severity level of the finding will be assessed by the inspector and documented using the following definitions:

- Severity Level 1 Notice
 - Situation is a minor departure from Standard Operating Procedures (SOPs), common sense, best practices and/or housekeeping standards.
 - Action All findings will be noted on the inspection. The supervisor must address the inspection findings and update the inspection platform within thirty (30) days.
- Severity Level 2 Moderate
 - Situation is not life threatening, and does not pose risk of serious illness or injury, and/or significant damage to property. The violation may also be an infraction of EPA, OSHA, and/or local (state, city, institutional) regulations.
 - Action All findings will be noted on the inspection. The supervisor must address the inspection findings and update the inspection platform within fifteen (15) days.
- Severity Level 3 Important
 - Situation is potentially life threatening, with an associated danger that may pose a risk of serious illness or injury, and/or significant damage to property. The violation may also be an infraction of EPA, OSHA and/or local (state, city, institutional) regulations.



- Action Operations may be discontinued and the occupants evacuated from the room until the situation is resolved. All findings will be noted on the inspection. The supervisor must address the inspection findings inside the laboratory within five (5) days and update the inspection platform within ten (10) days.
- Severity Level 4 Critical
 - Situation is life threatening with an imminent danger that poses an immediate risk of serious illness or injury, and/or significant damage to property.
 - Action Operations will be discontinued and the occupants evacuated from the room until the situation is resolved. All findings will be noted on the inspections. The supervisor must immediately address the inspection findings and update the inspection platform within five (5) days.



Inspection Work Flow

EHS Performs Inspection

- EHS sets the inspection due date and status to "Pending Resolution".
- EHS sends inspection to the lab (i.e. supervisor and group compliance liaison).

Lab receives Inspection

Lab logs into the system to review and confirm receipt the inspection.

System sends reminder and followup emials to the lab.

•Reminders and follow-up message timing are set by the inspector.

Lab corresponds with the inspector

- Lab logs into the system to indicate wheter or not the findings are addressed.
- •Lab can contact EHS to discuss the report findings

EHS is notified by the system

 If lab indicate the findings are addressed the inspector will set the status to "Follow-up"

•If the inspector determines all teh findings are addressed the inspection status is set to "Finalized".



Email Inspection

To:

Martin W Bell - Principal Investigator

CC:

Martin W Bell - Principal Investigator James R Klinger - Technician Jeffrey D Nemetz - Technician Joseph R Nihill - Technician

Subject:

Drexel EHS - Lab Inspection Report - 09/07/2016

Advanced Options

| Inspection Status: * | |
|----------------------|---|
| Pending Resolution | ٢ |
| Set follow up date | |
| Resolution Due By: | |
| 10-07-2016 | |
| Format: 00.07.2016 | |
| | |

Body:

Drexel EHS has performed an inspection on 09/07/2016 for Bell Lab, Academy of Natural Science - Research - 216, Academy of Natural Science - Research - 216.5, New College Building - B42, Queen Lane - G92B, Queen Lane - G92E, Stratton Hall - 145. The PI or compliance liaison must review and confirm the inspection report. Please use the link below to login, view and confirm receipt of the inspection report. https://drexel.bioraft.com/node/886697

Inspection Report:

and in back packs. Food items used strictly for research purposes must be labeled as such. Eating, drinking, or storing food in the laboratory creates an unnecessary exposure risk. The storing food in Smoking, chewing gum and applying cosmetics in the laboratory is prohibited.

Corrective Action(s): Remove all food and drink from the laboratory. Please inform all you personnel of this requirement. Contact EHS at safeheal@drexel.edu for further assistance.

*Space(s):

Academy of Natural Science - Research - 216, Academy of Natural Science - Research - 216.5, New College Building - B42, Queen Lane - G92B, Queen Lane - G92E, Stratton Hall - 145

*See Attachment(s):

- Disque_215_Drinks-3_1473277216_42259.jpg

- This finding has been recorded 3 times in the past 18 months.
- 2 Compressed gas cylinders are not capped when not in use

*Comments/Corrective Action(s):

Compressed gas cylinders are not capped when not in use: Compressed gas cylinders must be capped when not in use or if not hooked up to an experimental process; Cylinder regulators must be removed when not in use. Protective cap must be in place when transporting compressed gas cylinders; Store only cylinders needed for immediate use in the lab; excess

Note: All Inspection file attachments will be automatically attached to this message.



Inspection Status

The inspector sets the inspection status and follow-up due date prior to sending the report to the Laboratory. There are three stages for an inspection:

- Pending Resolution: Report has been sent to the Laboratory. The inspector is waiting for a response from the Laboratory. The Laboratory has four options to report to the inspector.
 - All audit findings have been resolved.
 - Audit findings have been resolved except those noted below in comments.
 - Corrective actions have not yet been put in place.
 - Please have the auditor contact me to discuss this report.
- Pending Inspector Review: The inspector must confirm that all of the findings have been resolved before the report can be finalized. The Laboratory may arrange a time to meet with the inspector to review the corrective actions.
- Finalized: Findings have been resolved and verified by the inspector. No further activity for this report is required. The Laboratory will need to arrange to review the corrective actions before Finalizing the report.



| Current Status: Pending Resolution Set Status to Pending Inspector Review Set Status to Finalized Re-Email Report Correspondence Vulner Response Response: All audit findings have been resolved. Audit findings have been resolved. Audit findings have been resolved. Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | Actions | Assigned Reviewer |
|--|---|---|
| Set Status to Finalized Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Martin W Bein (safety & Health) Email Assignment Te: Te: Martin W Bein (safety & Health) Email Assignment Te: Te: Martin W Bein (safety & Health) Martin W Bein (safety & Health) Martin W Bein (safety & Health) To: Te: Te: Te: Te: Te: Te: Te: Te: Te: Te | Current Status: Pending Resolution | Applement To: Martin W Ball (Cafety & Health) |
| Set Status to Finalized Email Assignment Re-Assign Correspondence Hide Automated Me Submit Response Hide Automated Me Submit Response Response: All audit findings have been resolved. Audit findings have been resolved except those noted below in comments: | Set Status to Pending Inspector Review | Assigned to: Martin W Bell (Safety & Health) |
| Re-Email Report Correspondence Submit Response Require Follow Up 10-07-2016 Format: 09-07-2016 Format: 09-07-2016 Format: 09-07-2016 Format: 09-07-2016 Format: 09-07-2016 Format: 09-07-2016 Please have been resolved except those noted below in comments: Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: On posting, notify these people: James R Klinger Jeffrey D Nemetz James R Klinger | Set Status to Finalized 😡 | Email Assignment Re-Assign |
| Correspondence Submit Response Response All audit findings have been resolved. All audit findings have been resolved except those noted below in comments: Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: Con posting, notify these people: James R Klinger _ Jeffrey D Nemetz _ Joseph R Nihill Select: All None | Re-Email Report | |
| Correspondence Hide Automated Me Submit Response Require Follow Up 10-07-2016 Format: 09-07-2016 Format: | | |
| Additional Comments: On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | Correspondence | |
| Submit Response Require Follow Up 10-07-2016 Response: All audit findings have been resolved. Audit findings have been resolved except those noted below in comments: Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: On posting, notify these people: James R Klinger James R Klinger Jeffrey D Nemetz Joseph R Nihill | Correspondence | Z Hide Automated Massa |
| Require Follow Up 10-07-2016 Format: 09-07-2016 Format: | | |
| Image: Note: Note | Require Follow Up | |
| Response: Format: 09-07-2016 Format: 09-07-2016 < | | 10-07-2016 |
| All audit findings have been resolved. Audit findings have been resolved except those noted below in comments: Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | Response: | Format: 09-07-2016 |
| Audit findings have been resolved except those noted below in comments: Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: On posting, notify these people: James R Klinger _ Jeffrey D Nemetz _ Joseph R Nihill Select: All None | All audit findings have been resolved. | |
| Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report. Additional Comments: On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill | Audit findings have been resolved except those comments: | noted below in |
| Please have the auditor contact me to discuss this report. Additional Comments: On posting, notify these people: James R Klinger Jeffrey D Nemetz Jaseph R Nihill Select: All None | Corrective actions have not yet been put in place | ce. |
| Additional Comments: | O Please have the auditor contact me to discuss the second sec | his report. |
| Additional Comments: | | |
| On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: <u>All None</u> | Additional Comments: | |
| On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | | |
| On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | | |
| On posting, notify these people: James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | | |
| James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | On posting, notify these people: | |
| Select: All None | 🗌 James R Klinger 🗌 Jeffrey D Nemetz 🗌 Jos | seph R Nihill |
| | Select: All None | |

Inspection Email

Inspection reports will be sent via email from <u>support@bioraft.com</u> or <u>no-reply@bioraft.com</u> on behalf of the inspector. The supervisor or group compliance liaison must confirm the receipt of the report. Log into the system to confirm the receipt of the report using your Drexel credentials. The system will send a reminder email if you do not confirm the receipt within one week.



https://drexel.bioraft.com/node/886697

Drexel EHS has performed an inspection on 09/07/2016 for Bell Lab, Academy of Natural Science - Research - 216, Academy of Natural Science - Research - 216.5, New College Building - B42, Queen Lane - G92B, Queen Lane - G92E, Straton Hall - 145, The PI or compliance liaison must review and confirm the inspection report. Please use the link below to login, view and confirm receipt of the inspection report.

Click to review and confirm

The report and a communation mix have also been included below for your convenience.

| Inspection Report |
|---|
| Inspected Date: 09/07/2016 Inspection Type: Spot Inspection |
| Inspected By: Martin W Bell Status: Pending Resolution |
| Primary Contact: Martin W Bell James R Klinger |
| Inspected Group/Space: Bell Lab Academy of Natural Science - Research - 216 Academy of Natural Science - Research - 216.5 New College Building - B42 Queen Lane - G92B Queen Lane - G92E Stratton Hall - 145 |
| Rating: N/A |
| Summar: |
| Summary |
| Spot inspection |



Inspection Report View Inside the System

Bell Lab Inspection 09/07/2016



as such. Eating, drinking, or storing food in the laboratory creates an unnecessary exposure risk. The storin food in Smoking, chewing gum and applying cosmetics in the laboratory is prohibited. Corrective Action(s): Remove all food and drink from the laboratory. Please inform all you personnel of this requirement. Contact EHS at <u>safeheal@drexel.edu</u> for further assistance.

Space(s):

- Academy of Natural Science Research 216
- Academy of Natural Science Research 216.5



Inspection Report Confirmation

| Constant Department | |
|---|-------------------------|
| | |
| | |
| orrespondence | |
| 0.1-0.7 | 🛃 Hide Automated Messag |
| Subrit Hesponse | |
| Response: | |
| All audit findings have been resolved. | |
| Audit findings have been resolved except those noted below in comments: | |
| Conective actions have not yet been put in place. | |
| Please have the auditor contact me to discuss this report. | |
| On posting, notify these people: | |
| | |
| Arthur Cotica | |

Reminders and Follow-up Notifications

The system sends the following reminders and follow-up notifications:

Inspection Confirmation Reminder – This message is sent to a Laboratory (i.e. supervisor, principal investigator, or clinical practice manager) to remind them that an inspection has been performed and receipt of the report must be confirmed. This reminder is sent if the lab has not confirmed receipt after one week.



From: no-reply@bioraft.com Subject: Drexel EHS - Inspection Report Receipt Confirmation Required Message Body: Our records indicate that you have not confirmed receipt of an inspection report that was emailed to you. Please review the inspection report below and click on the link at the bottom to confirm receipt. You may also view the report and confirm receipt by logging in here: [URL] [Inspection Report] Responses to this automated message will not be received. If you have any questions, or believe you received this message in error, please contact support@bioraft.com.

Inspection Follow-up Reminder – This message is sent to remind the Laboratory (i.e. supervisor, principal investigator, or clinical practice manager) that an inspection report is pending resolution and follow-up is required. This message is sent to the lab and the group compliance liaison. The reminder message is sent three (3) days after the inspection has been placed in the pending resolution state, and will continue to send every three (3) days following the initial message until the status is moved out of the pending resolution state.

```
From: no-reply@bioraft.com
Subject: Drexel EHS - Inspection Report - Follow Up Required
Message Body:
** ACTION REQUIRED: Follow Up Required for Inspection Report **
The inspection carried out on [Inspection Date] requires an update
or resolution from your group. Please respond within the inspection
report to the corrective actions outlined at the following URL:
[URL]
Thank you.
Responses to this automated message will not be received. If you
have any questions, or believe you received this message in error,
please contact support@bioraft.com.
```



Inspection Report Due Notification – This message is sent as a reminder to push the inspection to a finalized state. All inspection findings on the report must be resolved by the due date on the report. This message is sent two (2) weeks before the inspection is due, and will continue on a weekly basis until the due date, or until the inspection is finalized.

```
From: no-reply@bioraft.com
Subject: Drexel EHS - Inspection Report Receipt Confirmation Required
Message Body:
Our records indicate that you have not confirmed receipt of an
inspection report that was emailed to you. Please review the
inspection report below and click on the link at the bottom to
confirm receipt.
You may also view the report and confirm receipt by logging in here:
[URL]
[Inspection Report]
Responses to this automated message will not be received. If you
have any questions, or believe you received this message in error,
please contact support@bioraft.com.
```

Inspection Overdue Notification – This message is sent when an inspection is overdue. The recipients of this message are the department head, the lab, the group compliance liaisons, and the inspector. This message is sent one (1) day after the due date has passed and continues to send every three (3) days until the report is finalized.



From: no-reply@bioraft.com Subject: Drexel EHS - Inspection Report - Follow Up Required Message Body: ** ACTION REQUIRED: Inspection Report is now Overdue ** The inspection carried out on [Inspection Date] required resolution to finalize the report by [Inspection Response Date]. As the due date has passed, please respond using the inspection link below IMMEDIATELY. Failure to respond will result in this inspection report being escalated to your Department Head. Please follow the link below to contact your EHRS inspector via the correspondence section to resolve this matter. You may view and add comments to the inspection at the following URL: [URL] Thank you. Responses to this automated message will not be received. If you have any questions, or believe you received this message in error, please contact support@bioraft.com.

Inspection Overdue Escalation Notification – This message is sent when an inspection is overdue, and is being escalated to the department head. The recipients of this message are the department head, the lab, the group compliance liaison, and the inspector. This message is sent when an inspection is fourteen (14) days overdue, and will continue to send every day until the report is finalized.



From: no-reply@bioraft.com Subject: Drexel EHS - Inspection Report - Follow Up Required

Message Body:

have any questions, or believe you received this message in error, please contact support@bioraft.com.

Inspection Correspondence

E-mails will automatically be sent out to notify the respective parties when comments and responses are added to the inspection report. These notifications will also be available in the Compliance E-Mail Inbox when you log into BioRAFT. All correspondence must be done within the BioRAFT platform. The system will track all comments.



From: no-reply@bioraft.com
Subject: Drexel EHS - Inspection Report - [Inspection Date] - Response

Message Body:

A new comment has been added by [sender name] to the Inspection Report performed on [Date]:

[Comment]

Please respond to the comment at the following URL: [URL]

Thank you.

Responses to this automated message will not be received. If you have any questions, or believe you received this message in error, please contact support@bioraft.com.

Correspondence

| | Hide Automated Mes | sages |
|---|--------------------|-------|
| - ▼ <u>Submit Response</u> | | |
| Require Follow Up | | |
| | 10-07-2016 | |
| Response: | Format: 09-08-2016 | |
| All audit findings have been resolved. | | |
| Audit findings have been resolved except those noted below in comments: | | |
| Corrective actions have not yet been put in place. | | |
| Please have the auditor contact me to discuss this report. | | |
| Additional Comments: | | |
| I in the process of purchasing a new cap for the compressed gas cylinder. The cap will | be in next week. | |
| On posting, notify these people: | | |
| James R Klinger Jeffrey D Nemetz Joseph R Nihill Select: All None | | |
| | Sub | mit |



Correspondence

Hide Automated Messages

10-07-2016

Format: 09-08-2016

Posted Thu, 09/08/2016 - 10:03am by Martin W Bell Pending Resolution -> Pending Inspector Review

Audit findings have been resolved except those noted below in comments:

I in the process of purchasing a new cap for the compressed gas cylinder. The cap will be in next week.

Follow up required by October 7, 2016

▼ Submit Response -

Require Follow Up

Response:

All audit findings have been resolved.

Audit findings have been resolved except those noted below in comments:

Corrective actions have not yet been put in place.

Please have the auditor contact me to discuss this report.



Posted Thu, 09/08/2016 - 10:03am by Martin W Bell Pending Resolution -> Pending Inspector Review

Correspondence

Hide Automated Messages

Audit findings have been resolved except those noted below in comments: I in the process of purchasing a new cap for the compressed gas cylinder. The cap will be in next week. Follow up required by October 7, 2016 Posted Thu, 09/08/2016 - 10:11am by Martin W Bell Pending Inspector Review -> Pending Inspector Review All audit findings have been resolved. Follow up required by October 7, 2016 Submit Response Require Follow Up 10-07-2016 Format: 09-08-2016 Response: All audit findings have been resolved. Audit findings have been resolved except those noted below in comments: Corrective actions have not yet been put in place. Please have the auditor contact me to discuss this report.

Pending Inspector Review

The inspection report will be set to Pending Inspector Review when the lab indicates all findings have been resolved.



Bell Lab Inspection 09/09/2016

| Groups/Spaces: | <u>Bell Lab</u> Queen Lane - G92B Queen Lane - G92E | Status: Last Emailed: Confirmed: | Pending Inspector Review 09/09/2016 (view) 09/09/2016 |
|--|---|--|---|
| Primary Contact: | Martin W Bell | | |
| Compliance Liaison: | <u>James R Klinger</u> Jeffrey D Nemetz Joseph R Nihill | Findings: None | |
| Inspected Area: Queen Lane - G92B Q | ueen Lane - G92ERemove | | |
| Inspection Type: | Temporary Accumulation Area | | |
| Inspected By: | James R Klinger | J | |
| Inspection Rating: | N/A |) | |
| Summary Queen Lane - G92B Q | ueen Lane - G92ERemove | | |
| Receipt of this Inspecti | on Confirmed 09/09/2016. | | |
| Actions | | Assigned Review | ver |
| Current Status: Pend | ding Inspector Review | | _ |

Inspection Report Finalized

The inspection report will be set to Finalized upon confirmation that all findings have been resolved. The report will not be finalized if some of the findings are still open.



Bell Lab Inspection 08/19/2016

| Groups/Spaces: | Bell Lab New College Building - B42 | Status: Last Emailed: Confirmed: | Finalized 09/12/2016 <u>(view)</u> 09/12/2016 |
|---|---|--|---|
| Primary Contact: | Martin W Bell | | |
| Compliance Liaison: | <u>James R Klinger</u> Jeffrey D Nemetz Joseph R Nihill | Findings: None | |
| Inspected Area: | New College Building - B24 | | |
| Inspection Type: | Temporary Accumulation Area | | |
| Inspected By: | James R Klinger | | |
| Inspection Rating: | N/A | | |
| Summary | | | |
| New College Building - I | 824 | | |
| Receipt of this Inspectio | n Confirmed 09/12/2016. | | |
| Actions | | Assigned Revie | wer |
| Current Status: Finali Set Status to Pending I | zed Resolution | Assigned To: Jam | nes R Klinger 🗘 |
| Re-Email Report | | Email Assignme | Re-Assign |
| Correspondence | | | |
| | | | Hide Automated Messages |

Access Recent Laboratory Inspections

Compliance Inbox

Inspection reports that have been recently updated will be sent to your email address and will be available in your Compliance Inbox in BioRAFT. The Compliance Inbox



is available in the top right corner of your homepage. This page can be accessed at any time by clicking on the "Home" link in the top right corner of any page in BioRAFT.

| | | | | | Welcome, Martin W Bel |
|-------|--|-----------------|--|---------------------------------|----------------------------------|
| | | | | | Home Support Logou |
| | | | | | |
| Welco | me to BioRAFT | | | | |
| Anno | Announcements | | | Complianc | e E-Mail Inbox |
| | | | | 09/12/2016 | Drexel EHS - Lab Inspection Repo |
| View | All Announcements Add | a Announcement | | 09/12/2016 | Drexel EHS - Lab Inspection Repo |
| | | | | 09/12/2016 | Drexel EHS - Lab Inspection Repo |
| Requ | uired Training | | | 09/12/2016 | Drexel EHS - Lab Inspection Repo |
| | Course Name | Renewal Date | | View Entire In | <u>xod</u> |
| | Laboratory Equipment Safety | 09/21/2016 | | Compliance Summary for Bell Lab | |
| | Emergency Response | 09/22/2016 | | Training: | 4 |
| | Clinical Hazardous Waste Management | 09/22/2016 | | View Full Rep | bort |
| | Fire and Life Safety | 09/22/2016 | | | |

Lab Inspection Log

The Lab (supervisor, principal investigator, clinical practice manager, or group compliance liaison) can view all recent inspections by accessing the Lab Inspection Log on your Profile Page. Click on "View Lab Profile" to open the profile page. Click on the "Lab Inspections" tab to open the log.



| Drexel UNIVERSITY | | Welcome, Martin W Bell Home Support Logout |
|---|---|---|
| | | |
| Find Individual or Group Search | Welcome to BioRAFT | |
| Research Management Academic Management Inspections Bell Lab View Lab Profile Compliance Dashboard Manage Members Send Lab Message Manage Lab Forms | Announcements There are no recent announcements View All Announcements Add Announcement Required Training Course Name Renewal Date Date Management 09/22/2016 Management 09/22/2016 | Compliance E-Mail Inbox 09/12/2016 Drexel EHS - Lab Inspection Repo View Entire Inbox View Entire Inbox |
| | Fire and Life Safety 09/22/2016 | Welcome, Martin W Bell |
| Find Individual or Group Search | View Edit Dashboard Members Training Summary Spaces Documents Forms Notes Lab Insp Rell Lab | Portions Correspondence |
| Research Management Academic Management Inspections Bell Lab | Contact Info Principal Investigator: Martin W Bell Group Compliance Liaison: Jeffrey D Nemetz Joseph R Nihill Department: Building: Environmental Health and Safety | Compliance Summary Training: |
| » View Lab Profile » Compliance Dashboard » Manage Members » Send Lab Message » Manage Lab Forms | Room Number: 1 Mail Code: 400 North 31st Street Phone 1: 215-895-5892 Phone 2: 215-778-4278 Fax Number: 215-778-4278 | |
| Research Tools Training My Account | Research Focus The overall focus of my group is to provide a safe and health students. Lab Categories: No Categories | y working and learning environment for employees and |



View an Inspection Report

To view all recent inspections reports, select the "View" link next to the corresponding inspection in the log. You may search through inspections by Inspection Type, Status, or by Dates, to review desired reports accordingly. The list will provide you with the following:

- Date of Inspection.
- Inspection Type.
- Name of Inspector.
- Number of Findings.
- Status.
- List of type and frequency of findings found during the inspections in the past 18 months.

| | | | | | | н | Welcome, N ome Supp | lartin W Be ort Logou |
|---------------------------------|---------------|--------------------------|---------------|----------------|--------------------|--------------------------|--------------------------|----------------------------|
| | View | Edit Dashboard | i Memb | ers Training | | | | |
| | Summary | Spaces Documents | s Forms M | Notes Lab Insp | ections Co | rrespondence | | |
| Find Individual or Group Search | Bell Lab | Inspection | Log | | | Showi | ng 1-25 of 1 | 56 results |
| Academic Management | Inspection Ty | Inspection Type: Status: | | Co | nfirmation Status: | Submit | | |
| Inspections | <all></all> | ٥ | <all></all> | 0 | < | All> | | |
| inspections | Performed Be | etween: | | | | | | |
| Bell Lab | | | | | | | | |
| » View Lab Profile | | | | | | | | |
| » Compliance Dashboard | | | | | | | Add a new l | ntpection |
| » Manage Members | Date▼ | Inspection Type | | Inspected By | Findings | Status | Rating | |
| » Send Lab Message | 09/09/2016 | Temporary Accumu | lation Area | Klinger, James | 0 | Pending Inspector Review | N/A | View |
| » Manage Lab Forms | 09/09/2016 | Temporary Accumu | lation Area | Klinger, James | 0 | Pending Inspector Review | N/A | View |
| Research Tools | 09/09/2016 | Temporary Accumu | lation Area | Klinger, James | 0 | Pending Inspector Review | N/A | View |
| Training | 09/09/2016 | Temporary Accumu | lation Area | Klinger, James | 0 | Pending Inspector Review | N/A | View |
| | 09/07/2016 | Spot Inspection | | Bell, Martin | 1 | Finalized | N/A | View |
| My Account | 09/07/2016 | Spot Inspection | | Bell, Martin | 2 | Pending Inspector Review | N/A | View |
| | 09/02/2016 | Temporary Accumu | lation Area | Klinger, James | 0 | Pending Inspector Review | N/A | View |



- Findings found during inspections in the last 18 months -

| Findings Found | Category | Frequency |
|--|---|-----------|
| Personnel are eating and/or drinking food in the laboratory | General | 4 |
| A list of emergency contact numbers is not posted in the accumulation area. | Temporary Accumulation Area | 2 |
| General laboratory housekeeping is unsatisfactory | General | 1 |
| Asbestos containing materials not labeled for effective communication to employees entering and/or working in the area. | Hazard Communication and Hazardous Materials | 1 |
| Incompatible wastes are not separated from one another. | Temporary Accumulation Area | 1 |
| The access door is not in good condition. | Temporary Accumulation Area | 1 |
| Chemical containers not labeled with the identity, hazard warning, and manufacturer | Hazard Communication and Hazardous Materials | 1 |
| There are signs of damage in the storage cabinet. | Temporary Accumulation Area | 1 |
| Biosafety protocol is not present and/or approved | Biological | 1 |
| There are signs of corrosion along the accumulation area walls. | Temporary Accumulation Area | 1 |
| Compressed gas cylinders are not capped when not in use | Compressed Gas Cylinders | 1 |
| A fire extinguisher is not present. | Temporary Accumulation Area | 1 |

Self-Inspections

Self-Inspection Log

To view all recent self-inspections performed, visit the self-inspection log by view your Lab Profile, then clicking on the "Self Inspections" tab. On this page you will also be able to review items found during self-inspections in the past 18 months.



| | Visw Edit Dashboard | Members Training | |
|--|---|--|----------------------------------|
| Barth Lab View Lab Profile Compliance Dashboard | Summary Spaces Forms Equi | pment Lab Inspections Self Inspections | |
| Manage Members Send Lab Message Self Inspections | Inspection Type: CAlls | Performed Between: | Submit Add a new Self Inspection |
| Research Tools Training | Date Inspected Group No inspections were found. | e Inspection Type | Findings |
| Equipment My Account | Findings found during self inspectio | ns in the last 18 months- | Add a new Self Inspection |
| | Findings Found There were no findings found over t | Category he last 18 Months | Frequency |

Add a New Self-Inspection

From your self-inspection log, select the "Add a New Self Inspection" link. You will then be asked to identify the spaces you are inspecting. Where applicable, add additional spaces using the "Lookup" box.

| | View Edit Dashboard Members Training | |
|--|---|-------------------------------------|
| Barth Lab View Lab Profile Compliance Dashboard | Summary Spaces Forms Equipment Lab Inspections Self Inspections Barth Lab Self Inspection Log | |
| Manage Members Send Lab Message Self Inspections Manage Lab Forms | All> | Submit Add a new Self Inspection |
| Research Tools | Date Inspected Groups Inspection Type No inspections were found. | Findings |
| Equipment My Account | Findings found during self inspections in the last 18 months Findings Found Category There were no findings found over the last 18 Months | Add a new Self Inspection |



| Barth Lab | Add New Self Inspection Inspection Date: 09/11/2015 Inspection Type: Concrol Lab Safety Prease safect the type of inspection that will be performed. Inspected Groups Prease safect the groups that you are inspecting. @ Barth Lab @ Senie Chemistry Research Building - 132 @ Senie Chemistry Research Building - 134 Lookup Add |
|-----------|--|
|-----------|--|

On the subsequent page, you will walk through the list of items EHS has identified as relevant for the self-inspections. In the "Summary" box, please feel free to take note of any relevant details or overall observations regarding items identified during the inspection. By default, when you select a response of "No" to an inspection question, the corrective action text defined by EHS will be pre-populated to guide you in making the necessary corrections.

| Findings Found Select findings to populate the Corrective Actions section with default text. This text can be Report. | edited | prior to | submittin | g the inspection |
|---|--------|----------|-----------|------------------|
| Are disaster plans for each facility to include satellite locations are in place? | Yes | N0 | N/A O | Hide Details |
| Comments/Corrective Actions: | | | | |
| Space(s): Add Attachme Sene Chemistry Research Building - 132 Sene Chemistry Research Building - 133 Sene Chemistry Research Building - 134 | ent(s) | | | |
| | | | | |



To add additional information or comments to an item with an answer of "Yes" or "N/A", select the "Add Details" link to the right of the question.

| lease perform this audit quarterly. | | | | |
|--|-----------------|------------|------------|-------------|
| Findings Found ister findings to populate the Corrective Actions section with default text. This text can be leport. - | e edited Yes | No O | N/A | Add Details |
| Biological Is the biohazard trash level below the fill line?⁽¹⁾* (+2) | Yes | No | N/A | Add Details |
| Does the biohazard trash have secondary containment? $^{\textcircled{\mbox{\scriptsize only}}}$ (+2) | 0 | $^{\circ}$ | 0 | Add Details |
| Are fabric chairs kept out of the tissue culture lab? $^{\bigotimes \star}$ (+2) | $^{\circ}$ | $^{\circ}$ | $^{\circ}$ | Add Details |
| is the sharps container no more than 3/4 tuil? 😵* (+2) | 0 | \odot | 0 | Add Details |

Review Completed Self-Inspection

In the final step, you will be able to review your report and make any necessary edits before submitting.

| | | View Edit | | | | | | |
|--|---|---|--|--|---|--|--|--|
| | Barth Lab View Lab Profile Compliance Dashboard Manage Members | Barth Lab Self-Inspection 09/11/2015 Your Self Inspection has been created. | | | | | | |
| | » Send Lab Message » Self Inspections • Manage Lab Forms Research Tools | Labs/Spaces: | Sene Chemistry Research Building - 132 Sene Chemistry Research Building - 133 Sene Chemistry Research Building - 134 Barth Lab | Chemical Hygiene Plan missing or expired | | | | |
| | Training Equipment My Account | Primary Contact: Inspection Type: Inspected By: | John T Barth Lab Satety Check John T Barth | | 0 | | | |
| | | Summary Please perform this au | idit quarterly. | | | | | |
| | | Findings 1. Chemical Hy Comments/Co | giene Plan missing or expired prrective Action(s): | | l | | | |