

ISU Laboratory Safety Inspection

Report Number (Bldg. Abbr.-Room #-Year)

000042

Date of Lab Inspection

4/30/13 9:47 AM

Lab Inspection Report Prepared by

John Goodman

Disclaimer

The assessors believe the information contained within this risk assessment report to be correct at the time of printing. The assessors do not accept responsibility for any consequences arising from the use of the information herein. The report is based on matters which were observed or came to the attention of the assessors during the day of the assessment and should not be relied upon as an exhaustive record of all possible risks or hazards that may exist or potential improvements that can be made.

Information on the latest workers compensation and OHS / WHS laws can be found at the relevant State WorkCover / WorkSafe Authority.

Confidentiality Statement

In order to maintain the integrity and credibility of the risk assessment processes and to protect the parties involved, it is understood that the assessors will not divulge to unauthorized persons any information obtained during this risk assessment unless legally obligated to do so.

Table of Contents

ISU LABORATORY SAFETY INSPECTION	1
Disclaimer	2
Confidentiality Statement	2
AUDIT	4
GENERAL SAFETY	4
CHEMICAL HYGIENE PLAN	4
REQUIRED SIGNS	4
PROHIBITED ITEMS IN LAB	4
PERSONAL PROTECTIVE EQUIPMENT	4
PHYSICAL SECURITY	4
ELECTRICAL	4
EMERGENCY PREPAREDNESS	5
EMERGENCY RESPONSE PLANS	5
SPILL RESPONSE	5
CHEMICAL STORAGE	5
CONTAINERS AND LABELING	5
STORAGE AREAS	6
FLAMMABLE CHEMICALS	6
COMPRESSED GASES	6
PEROXIDE FORMERS	6
REACTIVES	6
HAZARDOUS WASTE	6
FACILITY STATUS AND LABORATORY EQUIPMENT	7
HOUSEKEEPING	7
CHEMICAL FUME HOOD	7
SHARPS CONTAINERS	7
EQUIPMENT	8
DEPARTMENTAL ITEMS	8
RESPONSIBILITIES OF OTHER PERSONNEL*	8

Audit

Question	Response	Details
GENERAL SAFETY		<i>Score (0/14) 0.0%</i>
CHEMICAL HYGIENE PLAN		<i>Score (0/3) 0.0%</i>
Is the Chemical Hygiene Plan accessible in the lab?		
Has the Plan been reviewed and signed by all lab workers?		
Is lab-specific safety information in the Plan (Appendix A) being updated annually?		
REQUIRED SIGNS		<i>Score (0/2) 0.0%</i>
Are eye protection and other special signs posted on doors (if applicable)?		
Are there signs on contaminated equipment (if applicable)?		
PROHIBITED ITEMS IN LAB		<i>Score (0/1) 0.0%</i>
Are food and drinks being excluded from the lab?		
PERSONAL PROTECTIVE EQUIPMENT		<i>Score (0/2) 0.0%</i>
Are appropriate safety glasses or goggles being worn?		
Are appropriate gloves being provided?		
PHYSICAL SECURITY		<i>Score (0/2) 0.0%</i>
Are lab doors locked when not in use?		
Is a list of authorized lab personnel posted near the entrance?		
ELECTRICAL		<i>Score (0/4) 0.0%</i>

Question	Response	Details
Are extension cords being used properly and within limitations?		
Are Relocatable Power Taps being used properly and within limitations?		
Are Ground Fault Circuit Interruptors (GFCI) installed within 6 feet of any water source?		
Are all cords of electrical equipment in good condition?		
EMERGENCY PREPAREDNESS		Score (0/4) 0.0%
EMERGENCY RESPONSE PLANS		Score (0/3) 0.0%
Is the building evacuation plan posted in a conspicuous location?		
Are emergency phone numbers near a phone or outside of the door?		
Have lab personnel been trained on each applicable Emergency Response Plan?		
SPILL RESPONSE		Score (0/1) 0.0%
Is there a spill kit available in the lab?		
CHEMICAL STORAGE		Score (0/17) 0.0%
CONTAINERS AND LABELING		Score (0/4) 0.0%
Are chemical storage containers compatible, appropriate, and in good condition?		
Are breakables being stored away from shelf edges and at or below eye level?		
Are chemical storage containers labeled appropriately?		
Are chemical storage container labels legible?		

Question	Response	Details
STORAGE AREAS		<i>Score (0/3) 0.0%</i>
Are chemicals being segregated and stored with compatible or like chemicals? (i.e. segregation of flammables and oxidizers; nitric acid and acids; acids and bases, etc.)		
Are storage cabinets and shelves in good condition?		
Are chemical storage areas identified with signs? (i.e. flammables, corrosives, poisons, etc.)		
FLAMMABLE CHEMICALS		<i>Score (0/1) 0.0%</i>
Are total flammable liquids under the maximum amount allowed per lab?		
COMPRESSED GASES		<i>Score (0/3) 0.0%</i>
Are cylinders stored properly and capped if unused?		
Are cylinders properly labeled and secured?		
Are empty cylinders being managed or returned?		
PEROXIDE FORMERS		<i>Score (0/1) 0.0%</i>
Are peroxide forming chemicals being labeled with appropriate dates (received, opened, and 6-month test date)?		
REACTIVES		<i>Score (0/1) 0.0%</i>
Are air, water, light, etc. reactive chemicals stored appropriately?		
HAZARDOUS WASTE		<i>Score (0/4) 0.0%</i>
Is there an identified central location for hazardous waste?		

Question	Response	Details
Is waste being appropriately segregated?		
Are proper containers being used (compatible, closable, good condition)?		
Are hazardous waste container labels legible with required information (name and waste constituents)?		
FACILITY STATUS AND LABORATORY EQUIPMENT		<i>Score (0/14) 0.0%</i>
HOUSEKEEPING		<i>Score (0/6) 0.0%</i>
Are floors, walls, work benches, etc. clean?		
Is the lab neat and clean in appearance?		
Is there adequate space to perform work safely?		
Is safety equipment (fire extinguishers, eye wash/shower, etc.) unblocked and accessible?		
Are aisles free of clutter and is there at least 36 inches of clearance?		
Is there at least 18 inches of clearance from the ceiling in regard to storage?		
CHEMICAL FUME HOOD		<i>Score (0/3) 0.0%</i>
Is fume hood chemical storage appropriate in regard to its designated use?		
Is the sash placed in the proper condition when not in use?		
Are lab employees trained in hood use?		
SHARPS CONTAINERS		<i>Score (0/2) 0.0%</i>
Is a proper sharps container in use (if applicable)?		

Question	Response	Details	
Are needles and syringes being stored appropriately (if applicable)?			
EQUIPMENT		<i>Score (0/3) 0.0%</i>	
Is all in-use laboratory equipment in good repair?			
Are all gas and water lines free of leaks and functioning properly?			
Is all equipment being adequately guarded to prevent injuries?			
DEPARTMENTAL ITEMS		<i>Score (0/4) 0.0%</i>	
RESPONSIBILITIES OF OTHER PERSONNEL *		<i>Score (0/4) 0.0%</i>	
Are eyewash/shower inspections current?			
Are fire extinguisher inspections current?			
Are chemical fume hood and biosafety cabinet certifications current?			
Are chemical fume hoods functioning appropriately?			
* To be checked by inspection teams. Laboratory personnel should report to the Safety Officer if they notice that these items are not being completed.			
ADDITIONAL COMMENTS			
ADDITIONAL MEDIA			
ADDITIONAL DRAWING			
INSPECTOR SIGNATURE			
PI SIGNATURE			
ADDITIONAL SIGNATURE(S)			

Question	Response	Details	
ADDITIONAL SIGNATURE(S)			