

**Inspection Report
Short Report**

Description			
Type:	Laboratory Inspection	Date:	Feb 27, 2017
Room:	ACMAL core facility	Organization:	College of Engineering
Inspector:	David Dixon	Department:	Materials Science and Engineerin
		Facility:	Core Facility: Applied Chemical

Roster	
Gerald Anzalone	Research Laboratory
David Dixon	OSHS
Ed Laitila	Research Laboratory
Owen Mills	Laboratory Supervisor / PI

Inspection Notes

Panels off equipment in several labs. Pete to check on sprinklers in 717

Actions and Recommendations

1. Laboratory Supervisor / PI Required

1.1 Acids and bases are not stored correctly

Completed By: Owen Mills (Completed: Jul 17, 2017) **Severity: Medium**

1.2 Container label must include: the name of the chemical/material, its concentration, and its hazardous properties (eg. flammable, corrosive, non-hazardous, etc) see 1910.122(f)(6)

Completed By: Owen Mills (Completed: Jul 17, 2017) **Severity: Medium**

1.3 protect or re-route cord

Completed By: Owen Mills (Completed: Jul 17, 2017) **Severity: Medium**

1.4 Laboratory doors should not be propped open. Individuals without authorization to work in the lab are not allowed access unless accompanied at all times.

Doors should be closed when not occupied during business hours. Closed and locked after

Action Notes: hours

Completed By: Owen Mills (Completed: Jul 17, 2017) **Severity: Low**

1.5 Work areas should be clean and organized for safe and efficient use.

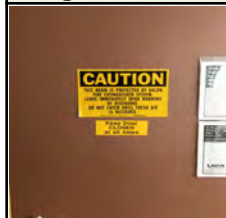
Action Notes: No corrective action required other than those noted in pictures

Completed By: Owen Mills (Completed: Jul 17, 2017) **Severity: Low**

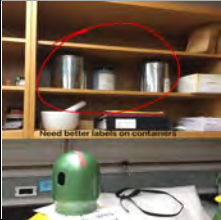



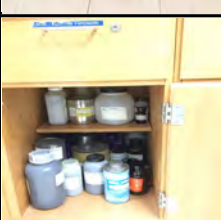
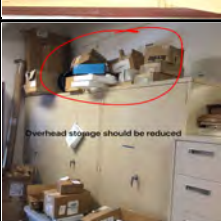

Recommendations


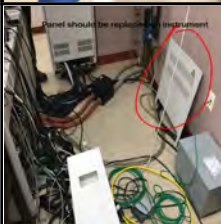
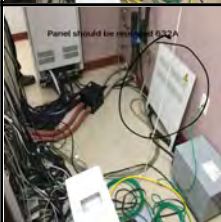
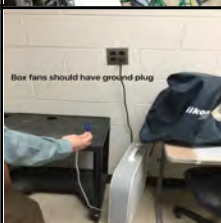
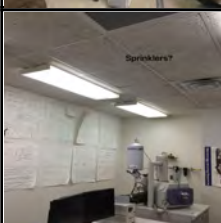
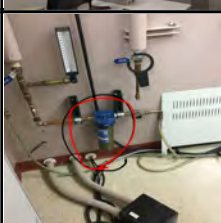
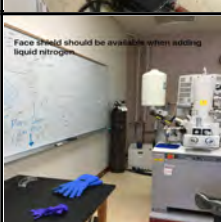
Laboratory should organized to provide adequate space for safe and efficient work

Images

	<p>Doors controlling access to the laboratory are closed at all times and locked when the laboratory is not occupied. Access is limited to individuals authorized to work in the laboratory. - Notes:</p>
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		<p>Materials and equipment are stored in an unobstructed fashion with respect to people working in the lab. Adequate space is available for equipment, materials, samples, tools, PPE, etc. - <i>Notes:</i></p>
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		<p>Work areas are clean and organized - <i>Notes:</i></p>
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		<p>No extension cords are used in place of fixed wiring. (a surge protector/power strip may be acceptable for computer and other electronic equipment - <i>Notes:</i></p>
		<p>No extension cords are used in place of fixed wiring. (a surge protector/power strip may be acceptable for computer and other electronic equipment - <i>Notes:</i></p>
		<p>Electrical cords across walkways are protected and there are no trip hazards - <i>Notes:</i></p>

		<p>All containers including working solutions and those with non-hazardous contents are labeled appropriately - <i>Notes:</i></p>
		<p>Chemical waste and other excess materials stored in the chemical fume hood are removed before use - <i>Notes:</i></p>
		<p>Are there other Chemical Safety concerns that are not addressed on this checklist? - <i>Notes: Pick up mercury spill kit.</i></p>
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		<p>In areas where items are stored or placed overhead, there is access to a type II or better step ladder or a similar device. - <i>Notes:</i></p>
		<p>In areas where items are stored or placed overhead, there is access to a type II or better step ladder or a similar device. - <i>Notes:</i></p>

 <p>Gloves should be replaced 632A</p>		<p>Gloves appropriate to the risk are worn to protect hands from contact with hazardous materials. Gloves are not worn outside the laboratory. - Notes: Review glove policy with researchers. Gloves should not be worn outside labs.</p>
 <p>Panel should be replaced 632A</p>		<p>Are there other Electrical Safety concerns that are not covered by the checklist? - Notes:</p>
 <p>Panel should be replaced 632A</p>		<p>Are there other Electrical Safety concerns that are not covered by the checklist? - Notes:</p>
 <p>Box fans should have ground plug</p>		<p>Are there other Electrical Safety concerns that are not covered by the checklist? - Notes:</p>
 <p>Dryckers?</p>		<p>Are there other fire safety concerns that are not covered by the checklist? - Notes:</p>
		<p>Are there other general safety concerns that are not covered by the checklist? - Notes: Face shield should be used when filling microscope with liquid nitrogen.</p>
 <p>Face shield should be available when adding liquid nitrogen</p>		<p>Are there other general safety concerns that are not covered by the checklist? - Notes: Face shield should be used when filling microscope with liquid nitrogen.</p>