

**NOTICE OF FIRE SAFETY INSPECTION
OREGON STATE UNIVERSITY**



Facility Inspected: GILBERT HALL
 Date Inspected: 3-Sep-09
 Reinspect Date: 22-Oct-09
 Reinspect Time: 9:00 A.M.
 EH&S Rep: PETE

A fire safety inspection of the facility listed above was performed by the Corvallis Fire Prevention Bureau. These fire safety deficiencies could result in a fire or jeopardize the safety of those occupying the facility. Please see that these items are corrected immediately. If you have any questions regarding this inspection please phone me at 766-6903. Thank you for your cooperation and support for fire safety. *Jim Patton, Fire Prevention Officer, jim.patton@ci.corvallis.or.us*

NOTE **Deficiencies that are bold and underlined remain uncorrected from the last fire/life safety inspection(s) and should be corrected immediately.**

* *Annotates a deficiency identified by OSU Environmental Health & Safety Department. Direct any questions regarding these items to that office (737-2273).*

Indicated on the report are items which should be corrected by the Departments (DEPT) that occupy this building, Facilities Services (FS), Environmental Health and Safety (EHS), and Recycling (RECY). Please forward a copy of this report to the responsible group(s) and begin corrective action to be completed no later than the reinspection date.

Facility Services Priority Codes:

- Priority 1 – (p1) items are considered immediate safety hazards and should be corrected within 48 hours of notification if possible. If repairs cannot be
- Priority 2 – (p2) items should be corrected within the five-week period before the
- Priority 3 – (p3) items are long term fixes that should be either added to an ongoing work list (such as annual testing of building sprinkler systems) or to the capital improvement list for campus upgrades.

The due date is listed at the top of this page. If you have any questions, require additional information, or feel the items have been improperly assigned, feel free to contact Andrew Gray (Environmental Health & Safety) at extension 7-7651. If assistance is required from Facilities Services to estimate or correct an item assigned to a Department contact the Customer Service Unit at ext. 7-2969. MS Excel format is available upon request.

Responsible Party	Area	Description	Code Reference
FS-2	<u>Near Main Entry</u>	<u>Fire Department Connection must be visible, identified, accessible, and operable. Partial building coverage shall be indicated.</u> <u>REMOVE VEGETATION FROM IN FRONT OF FDC.</u>	<u>CFC 912.2,</u> <u>NFPA 13</u>
DEPT	Throughout	*Replace caps on all chemical containers when not ACTIVELY in use.	EH&S
FS-2	Throughout	Label all gas piping systems with contents and direction of flow.	CFC 3003.2.3
DEPT	Throughout	Reduce quantity of posters currently mounted on walls in hallways. Many of these posters are very outdated. Please keep the quantity to an absolute minimum and provide spacing between posters..	CFC 315.2.2, 1027
DEPT	<u>Rm. 302</u>	<u>*Maintain lab hood sash height to within identified level</u>	<u>EH&S</u>
DEPT	Rm. 302	Secure pressurized gas cylinders	CFC 3003.3.3

Responsible Party	Area	Description	Code Reference
EHS	<u>Rm. 307</u>	<u>Extinguishers shall be tagged and inspected annually. Recharge every 6 years. Hydro-test every 12 years.</u>	CFC 906.2, NFPA 10
DEPT	Rm. 307	Reduce quantity of flammable liquid outside of an approved cabinet to 10 gallons or below.	
EHS	Rm. 310	Extinguishers shall be tagged and inspected annually. Recharge every 6 years. Hydro-test every 12 years. NO REQUIRED IN THIS AREA	CFC 906.2, NFPA 10
DEPT	Rm. 310	Discontinue the use of non fuse protected extension cords in place of permanent wiring. Fuse protected power strips are acceptable. TO FRIDGE	CFC 605.4, 605.5
DEPT	Rm. 318	Dispense flammable liquids (acetone) within an approved exhaust hood and provide an approved means of grounding and bonding.	CFC 2703.9.5
DEPT	Near 328	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES. REMOVE TABLES FROM HALL	CFC 315.2.2, 1027
DEPT	Rm. 328	Discontinue the use of non fuse protected extension cords in place of permanent wiring. Fuse protected power strips are acceptable. WHITE CORD UNDER DESK	CFC 605.4, 605.5
EHS	<u>Room 328A</u>	<u>*Complete a ventilation survey of this room as it has a strong chemical odor.</u>	<u>EH&S</u>
DEPT	<u>Rm. 328/338</u>	<u>*Maintain lab hood sash heights to within identified level</u>	<u>EH&S</u>
PETE	<u>Rm. 338</u>	<u>*In Corner - Turn in several small compressed gas cylinders that appear to no longer be used. RECOMMEND PETE STOPPING IN</u>	<u>EH&S</u>
DEPT	<u>Rm. 338</u>	<u>Install an approved dual pressure gage on anhydrous ammonia tank. Dedicated ventilation should also be provided to tank. Consider an extension duct.</u>	<u>NFPA 45, Chpt. 11.1.5.2.1</u>
DEPT	Rm. 338	Shelves that contain hazardous materials shall be provided with a lip or guard when used for the storage of individual containers.	CFC 2703.9.9
DEPT	<u>Rm. 343</u>	<u>Anhydrous ammonia tank - ensure adequate ventilation is provided. If tank is not used then turn in. ALSO provide approved dual pressure gage on tank.</u>	
DEPT	Rm. 343	Replace protective caps on all high pressure cylinders not actively in use	CFC 3003.4
DEPT	Rm. 344	Anhydrous ammonia tank - ensure adequate ventilation is provided. If tank is not used then turn in.	
DEPT	Rm. 351	Shelves that contain hazardous materials shall be provided with a lip or guard when used for the storage of individual containers.	CFC 2703.9.9
DEPT	Near 354	Fire doors / smoke barriers shall be maintained and kept free of obstructions. DO NOT HOLD STAIRWELL DOORS OPEN IN UNAPPROVED MANNER	CFC 703.2
DEPT	Rm. 355	Anhydrous ammonia tank - ensure adequate ventilation is provided. If tank is not used then turn in.	
DEPT	Near 355	Fire doors / smoke barriers shall be maintained and kept free of obstructions. DO NOT HOLD DOOR TO GILBERT ADDITION OPEN IN UNAPPROVED MANNER	CFC 703.2
DEPT	Rm. 255	Discontinue practice of storing breakable chemical containers on floor	CFC 2703.9.2
DEPT	Rm. 235	Plug power strips directly into outlet. Do not chain one to another.	CFC 605.4.2
DEPT	Near 228	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES. REMOVE LARGE MAGNETIC DEVICE FROM HALLWAY.	CFC 315.2.2, 1027
RECY	Rm. 224	Discard broken recycling bin.	

Responsible Party	Area	Description	Code Reference
DEPT	Rm. 216	Replace protective caps on all high pressure cylinders not actively in use	CFC 3003.4
DEPT	Rm. 214	Discontinue the use of non fuse protected extension cords in place of permanent wiring. Fuse protected power strips are acceptable.	CFC 605.4, 605.5
Lance	Rm. 213	Secure cryogenic containers & provide adequate ventilation (1 CFM per sq. ft.) that will prevent the accumulation of vapor.	CFC 3203.5.2, 3205.4.1.1
DEPT	Rm. 213	Repair yellow cord. Plug coming away from plug.	
DEPT	Rm. 213	Replace protective caps on all high pressure cylinders not actively in use	CFC 3003.4
FS-2	Right of 210	Provide cover over circuit blanks.	CFC 605.6
FS-2	Rm. 202	Remove orange smoke detector cover.	CFC 901.4
DEPT	Rm. 114	Secure pressurized gas cylinders	CFC 3003.3.3
DEPT	Rm. 114	Replace protective caps on all high pressure cylinders not actively in use	CFC 3003.4
DEPT	Rm. 130	Replace protective caps on all high pressure cylinders not actively in use	CFC 3003.4
DEPT	Rm. 130	Discontinue running flammable gas hose across passageway	
FS-2	<u>Rm. 124</u>	<u>Provide a 2A:10BC fire extinguisher for every 3,000 square feet, with a maximum travel distance of 75 feet. Additional requirements for hazardous areas. CO2 IS NOT SUFFICIENT</u>	<u>CFC 906.1, NFPA 10</u>
DEPT	<u>Nr. 154</u>	<u>Remove liquid nitrogen cylinders from hallway.</u>	<u>CFC 3204.2.2.2</u>
DEPT	<u>Rm. 26</u>	<u>Provide an approved dual pressure gauge on Anhydrous Ammonia door closer.</u>	<u>NFPA 45, Chpt. 11.1.5.2.1</u>
DEPT	Rm. 26	Secure pressurized gas cylinders	CFC 3003.3.3
DEPT	Rm. 12A	Remove liquid nitrogen cylinders. Appears to not be in use. If in use provide ventilation and secure.	
DEPT	<u>Near 39</u>	<u>Large fire extinguisher coming away from wall. This extinguisher was to be installed in the machine room.</u>	<u>CFC 906, NFPA 10, ADA</u>
EHS	Rm. 40	Extinguishers shall be tagged and inspected annually. Recharge every 6 years. Hydro-test every 12 years. NOT REQUIRED	CFC 906.2, NFPA 10
DEPT	Rm. 40	Discontinue practice of storing breakable chemical containers on floor	CFC 2703.9.2
DEPT	Rm. 40	Replace cord to rheostat located under fume hood.	CFC 605
FS-2	Rm. 32	Cover blanks in circuit panel	CFC 605.6
FS-2	Rm. 32A	Pressurized Vessel Permit to air compressor has expired.	
DEPT	<u>Near 46</u>	<u>Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.</u>	<u>CFC 315.2.2, 1027</u>