

NOTICE OF FIRE SAFETY INSPECTION OREGON STATE UNIVERSITY



Facility Inspected: AG

Inspection Date: 08/21/2013

Reinspect Date/Time: 00/00/0000

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 737-3066. Thank you for your cooperation and support for fire safety. Jim Patton, Fire Prevention Officer, jim.patton@oregonstate.edu

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 and Safety Department. Direct any questions regarding these items to that office (737-2273).*

Indicated on the report are items which should be correct 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.

Facilities 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 made immediately, temporary measures may be taken.

Priority 2: (p2) items should be corrected within the five-week period before the scheduled reinspection.

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 Jim Patton (Corvallis Fire Department) at 737-3066. If assistance is required from Facilities Services to estimate or correct an item assigned to a Department, contact the Work Coordination Center at ext. 7-2969. MS Excel format is available upon request.

Completed ?	Priority	Responsible Party	Location	Description	Code Reference	Notes
[]	2	FS	Exterior	Fire Department Connection must be visible, identified, accessible, and operable. Partial building coverage shall be indicated.	CFC 912.2, NFPA 13	Trim back vegetation to better expose FDC on North side of building.
[X]	2	DEPT	Rm. 4031	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	
[]	2	DEPT	Rm. 4035	Operation Instructions posted on door /adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_oven_s_si079.pdf	
[X]	2	DEPT	Rm. 4035	Secure compressed gas cylinders.	CFC 3003.3.3	
[]	2	DEPT	Throughout	Install or update hazard placard outside of lab with EH&S approved placard to identify associated hazards and emergency contact information.	NFPA 45, Chpt. 13.1.1, http://oregonstate.edu/ehs/LabHazSign	Send out reminder Email to all users to ensure their hazard placards are in place and accurate as far as contact person and materials in lab. Recommend new style placard.

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[]	1	FS	Roof	Fire protection or detection systems shall be extended, altered, or repaired as necessary to maintain protection.	CFC 901.4	Remove chain and padlocks on fire department standpipe valve. Valves are electronically monitored.
[X]	2	DEPT	Rm. 4105	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[X]	2	DEPT	Rm. 4105	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	Provide effective shelf restraints wherever necessary.</td>
[]	2	DEPT	Rm. 4107		OFC 3807.3	Remove flammable solvent sticker from door.
[]	1	DEPT	Rm. 4121	Secure compressed gas cylinders.	CFC 3003.3.3	
[]	2	DEPT	Rm. 4121	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	Complete shelf restraints as needed.
[X]	2	DEPT	Rm. 4120C	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	

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[X]	2	DEPT	Rm. 4120D		OFC 3807.3	Replace belt cover to vacuum pump
[X]	2	DEPT	Rm. 4120D	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	
[]	2	FS	Near 4127	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	Adjust stairwell fire door to latch upon c Song.
[]	2	DEPT	Rm. 4154	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_ovens_si079.pdf	
[X]	2	DEPT	Rm 3029	Secure compressed gas cylinders.	CFC 3003.3.3	
[]	2	DEPT	Rm. 3036		OFC 3807.3	Remove combustible material from on too and around drying ovens.
[X]	2	DEPT	Rm. 3094	Secure cryogenic containers and provide adequate ventilation (1 CFM per sq. ft.) that will prevent the accumulation of vapor. Verify ventilation with EH&S.	CFC 3203.5.2, 3205.4.1.1	Secure liquid nitrogen tank

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[]	2	FS	Near 3107	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	Adjust fire door to latch upon closing.
[]	2	FS	Near 3110A	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	Adjust corridor fire doors to close and latch properly when released.
[X]	2	DEPT	Rm. 3110	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	Adjust restraints to work effectively.
[X]	2	DEPT	Rm. 3110	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	Remove obstructions to fire doors inside lab.
[]	2	DEPT	Near 3119	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	
[X]	2	DEPT	Rm. 3119	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	Yellow cord

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[]	2	DEPT	Rm. 3119	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	
[X]	2	DEPT	Rm. 3137	Install or update hazard placard outside of lab with EH&S approved placard to identify associated hazards and emergency contact information.	NFPA 45, Chpt. 13.1.1, http://oregonstate.edu/ehs/LabHazSign	
[X]	2	DEPT	Near 2017	Combustible recycling containers shall not be placed in exitways. Containers may be placed in non hazardous rooms.	CFC 316.5	Place green bin inside room
[X]	2	FS	Near 2023	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	
[]	2	FS	Rm. 2017	Electrical appliances, equipment, fixtures, and facilities shall be used and installed in accordance with their listing.	CFC 605	Replace damaged cord to shaker.
[]	2	DEPT	Rm. 2023	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	

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[]	2	DEPT	Rm. 2028	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	
[X]	2	DEPT	Rm. 2034	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[X]	2	DEPT	Near 2039	Combustible recycling containers shall not be placed in exitways. Containers may be placed in non hazardous rooms.	CFC 316.5	Place green bin inside room.
[X]	2	DEPT	Rm. 2053	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[X]	2	DEPT	Rm. 2066	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[]	2	DEPT	Rm. 2071	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	

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[]	2	DEPT	Rm. 2101	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	Multiple cords
[X]	2	DEPT	Rm. 2101	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
	2	DEPT	Rm. 2101	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	
[]	2	DEPT	Rm. 2101	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	
[X]	2	DEPT	Rm. 2101	Cardboard		Remove accumulation of cardboard from lab.
[X]	2	DEPT	Rm. 2103	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	

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[]	1	DEPT	Near 2116	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Remove equipment from corridor immediately.
[X]	2	DEPT	Rm. 2111	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[X]	2	DEPT	Rm. 2111	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_oven_si079.pdf	
[X]	2	DEPT	Rm. 2114	Secure cryogenic containers and provide adequate ventilation (1 CFM per sq. ft.) that will prevent the accumulation of vapor. Verify ventilation with EH&S.	CFC 3203.5.2, 3205.4.1.1	Secure liquid nitrogen tank
[X]	2	DEPT	Rm. 2119	Secure compressed gas cylinders.	CFC 3003.3.3	
	2	DEPT	Rm. 2119	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_oven_si079.pdf	Oven on floor

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[]	2	DEPT	Rm. 2124	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	
[]	2	DEPT	Rm. 2157	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	
[]	2	DEPT	Rm. 2157	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_ovens_si079.pdf	
[X]	2	DEPT	Rm. 1031	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	
[]	2	DEPT	Rm. 1036	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	

Completed ?	Priority	Responsible Party	Location	Description	Code Reference	Notes
[X]	2	DEPT	Near 1041	Combustible recycling containers shall not be placed in exitways. Containers may be placed in non hazardous rooms.	CFC 316.5	Place green container inside a room.
[]	2	DEPT	Rm. 1073	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[]	2	FS	Rm. 1079	Light fixture		Repair fluorescent light fixture properly or discard.
[X]	2	DEPT	Rm. 1081B	Discontinue practice of storing breakable chemical containers on floor.	CFC 2703.9.2	
[X]	2	DEPT	Rm. 1081	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_ovens_si079.pdf	Ovens.
[]	2	DEPT	Rm. 1081	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	

Completed ?	Priority	Responsible Party	Location	Description	Code Reference	Notes
[X]	2	DEPT	Rm. 1072	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guide_lines_si030.pdf	
[]	2	DEPT	Rm. 1066	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_ovens_si079.pdf	
[]	1	DEPT	1055B		OFC 3807.3	Remove late amount of combustible material from this flammable storage rooms.
[]	2	FS	Rms. 1055	Provide warning signs on containers, cabinets, and rooms.	CFC 3403.5	Adjust the NFPA 704 placards on these doors to accurately indicate what is contained inside each room.

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[]	2	DEPT	Rm. 1161	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_ovens_si079.pdf	
[X]	2	DEPT	Rm. 1154	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	
[X]	2	DEPT	Rm. 1151	Label all chemical containers (1 gallon and larger) as to plain language contents & associated hazard. *All containers should be labeled.	CFC 2703.5.1, http://oregonstate.edu/ehs/sites/default/files/pdf/si/chemical_storage_guidelines_si030.pdf	
[X]	2	DEPT	Rm. 1151	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_ovens_si079.pdf	
[X]	2	DEPT	Rm. 1149	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	

Completed ?	Priority	Responsible Party	Location	Description	Code Reference	Notes
[X]	2	DEPT	Rm. 1145	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	
[X]	2	DEPT	Rm. 1123	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[X]	2	DEPT	Rm. 1123		OFC 3807.3	Remove or adjust plastic material over fume hood in order to allow sash to come down as required during use.
[X]	0		Rm. 1117		OFC 3807.3	
[]	2	FS	Near 1110	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	Corridor fire doors. One door drags on floor and does not latch upon closing. The other door does not latch upon closing.
[]	2	DEPT	Rm. 1112	Operation Instructions posted on door/adjacent to drying oven	Campus Policy, http://oregonstate.edu/ehs/sites/default/files/pdf/si/drying_oven_s_si079.pdf	

Completed ?	Priority	Responsible Party	Location	Description	Code Reference	Notes
[]	2	DEPT	Rm. 1112A		OFC 3807.3	Remove combustible material from this flammable storage room.
[]	2	RECY	Near 0007	Combustible recycling containers shall not be placed in exitways. Containers may be placed in non hazardous rooms.	CFC 316.5	Remove recycling bags from building. Repeat issue.
[X]	2	DEPT	Rm. 0002	Install or update hazard placard outside of lab with EH&S approved placard to identify associated hazards and emergency contact information.	NFPA 45, Chpt. 13.1.1, http://oregonstate.edu/ehs/LabHazSign	Update hazard placed outside lab.
[X]	2	FS	Nar 0006	Fire doors/smoke barriers shall be maintained and kept free of obstructions. Doors shall close and latch unaided.	CFC 703.2	Adjust fire doors to latch upon closing
[]	2	DEPT	Near 13	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Remove pallet from corridor.
[X]	2	DEPT	Near 23	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Remove shelf from corridor or secure to wall.
[]	1	FS		Inspect and test fire alarm system in accordance with nationally recognized standards. Affix inspection tag to system.	CFC 907.2, NFPA 72	If the fire alarm has been tested place a label on the panel

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[X]	2	FS	Mechanical Rm.	Portable Ladders are OSHA approved and in good condition, steps and side rail joints tight	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sites/default/files/pdf/si/ladder_safety_si037.pdf	Remove and discard old worn wooden ladders
[]	1	FS	Mechanical Rm.	Fire pump		Fire pump appears to be due ITM. Please ensure this gets accomplished immediately. If it's been done place a label on the pump
[X]	2	DEPT	Rm. 47	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	
[X]	2	DEPT	Rm. 47A	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	Clean up extension cord issue to grow lights. Lights should go directly into power strip. Power strip shall not be suspended by power cords.

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[X]	2	DEPT	Rm. 47B	Discontinue the use of non fuse protected extension cords in place of permanent wiring. Fuse protected power strips are acceptable.	CF C 605.4, 605.5	Clean up extension cord issue. Grow lights shall plug directly into power strips. Power strip shall not be suspended by electrical cords.
[X]	2	DEPT	Rm. 47A	Cords shall not be affixed to, or extend through, walls, ceilings, floors, under doors, and shall not be subject to physical damage.	CFC 605.5	Discontinue running extension cord through door opening.
[]	1	DEPT	Near 57	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Remove desk from hallway
[]1	DEPT	Near 62	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Remove desks from hallway immediately.	

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[]	2	DEPT	Rm. 62	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	Recurring issue. Replace extension cords with fuse-protected power strips.
[]	2	DEPT	Rm. 73	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	
[]	2	DEPT	Rm. 73	Homemade electrical appliances shall be inspected, approved, and tagged by Facility Services Electrical Shop before continued use.	CFC 605.7	Discard homemade 4-plex extension cord.
[]	2	DEPT	Rm. 79	Laboratory Safety Quick Reference Guide posted in each lab area. (These can be obtained from EH&S)	OSHA, Division 2 requirement, http://oregonstate.edu/ehs/sd0081	
[X]	2	DEPT	Rm. 79	Secure cryogenic containers and provide adequate ventilation (1 CFM per sq. ft.) that will prevent the accumulation of vapor. Verify ventilation with EH&S.	CFC 3203.5.2, 3205.4.1.1	Secure liquid nitrogen tank
[X]	2	DEPT	Near 85B	Grinder		If grinder is ever used in a manner that produces sparks provide an approved enclosure.

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[X]	2	DEPT	Rm. 85	Discontinue practice of storing breakable chemical containers on floor.	CFC 2703.9.2	
[]	2	DEPT	Rm. 85	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	
[X]	2	DEPT	Rm. 85	Secure compressed gas cylinders.	CFC 3003.3.3	
[]	2	DEPT	Rm. &5	Secure cryogenic containers and provide adequate ventilation (1 CFM per sq. ft.) that will prevent the accumulation of vapor. Verify ventilation with EH&S.	CFC 3203.5.2, 3205.4.1.1	Secure liquid nitrogen tank
[X]	2	DEPT	Rm. 85	Replace protective caps on all high pressure cylinders not actively in use.	CFC 3003.4	
[X]	1	DEPT	Near 2119	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Remove appliance hallway immediately
[X]	1	DEPT	Near 33	Remove storage and obstructions from exits, aisles, corridors, and stairs. EXITWAYS SHALL BE KEPT CLEAR AT ALL TIMES.	CFC 315.2.2, 1027, http://surplus.oregonstate.edu/spr	Move items from hallway