

<b>Department: Electrical &amp; Computer Engineering</b>	<b>Building and Room Number(s): E5-5014</b>
<b>Contact Person/Supervisor: Zhou Wang</b>	<b>Ext.: 35301</b>
<b>Inspected by: Barby, Slowinski</b>	<b>Ext.: 33995, 36106</b> <b>Date: 20Jun2014</b>

Record findings as: (✓) Meets Requirements, (x) Action Required, (n) Not Applicable.

Use item numbers to comment on reverse for unsatisfactory items

	SC	1	2	3	4		SC	1	2	3	4		SC	1	2	3	4
<b>Signs &amp; Labels</b>						<b>Natural Gas Shut Off</b>						<b>Compress Gas Cylinders</b>					
1. First Aid Kit	✓	✓	✓	✓	✓	38. Accessible	n					71. Secured	n				
2. Fire / Evacuation	✓	✓	✓	✓	✓	39. Identified	n					72. Properly marked	n				
3. Emergency Lockdown	✓	✓	✓	✓	✓	<b>Electrical</b>						73. Properly Stored	n				
4. Hazardous Material Spills	n					40. Panels Identified	n					74. Proper Regulators	n				
5. Phone 911 Label	✓	✓	✓	✓	✓	41. Wire Condition	✓	✓	✓	✓	✓	75. Cylinder carts used	n				
6. Lab Hazards Form	n					42. Proper Grounding	✓	✓	✓	✓	✓	<b>Regular Waste Containers</b>					
7. Hazard Waste Disposal	n					43. Adequate Outlets	✓	✓	✓	✓	✓	76. Adequate Type	✓	✓	✓	✓	✓
8. No Chemicals in Sink	n					44. Ext cords temp use only	n					77. Labelled Broken Glass	n				
<b>First Aid Stations/Kits</b>						45. C.S.A. Approved	✓	✓	✓	✓	✓	<b>Laboratory Benches</b>					
9. Stocked	✓	✓	✓	✓	✓	46. Elect Panels Accessible	n					78. Clean	✓	✓	✓	✓	✓
10. Accessible	✓	✓	✓	✓	✓	47. GFI's used in wet area	n					79. Good Condition	✓	✓	✓	✓	✓
11. Regularly Inspected	x					48. Lockout/Tag procedure	n					80. Adequate Space	✓	✓	✓	✓	✓
12. First Aiders' Names	n					<b>Equipment</b>						<b>Fume Hood</b>					
<b>Fire Extinguishers</b>						49. Pre-use inspect record	n					81. Adequate Number	n				
13. Seal Unbroken	n					50. Clean	n					82. Adequate Type	n				
14. Accessible	✓	✓	✓	✓	✓	51. Properly Guarded	n					83. Clean	n				
15. Proper Type	n					52. Good Condition	n					84. Good Condition	n				
16. Regularly Inspected	n					<b>Ventilation</b>						85. Face Velocity Tested	n				
<b>General</b>						53. Temperature	✓	✓	✓	✓	✓	86. Flow Alarms	n				
17 Phone Access	✓	✓	✓	✓	✓	54. Dust Control	n					<b>Pressure /Vacuum Vessels</b>					
<b>Floors and Aisles</b>						55. Fume Control	n					87. Safety Valves	n				
18. Clean	✓	✓	✓	✓	✓	56. Equipment maintained	n					88. Vent Lines	n				
19. Aisles Clear	✓	✓	✓	✓	✓	57. Guarding adequate	n					89. Inspection Certificate	n				
20. Good Condition	✓	✓	✓	✓	✓	<b>Chemical Storage</b>						90. Shielding	n				
<b>Doors and Exits</b>						58. Identification	n					91. Tubing/Clamps	n				
21. Accessible	✓	✓	✓	✓	✓	59. Segregated by Type	n					<b>Centrifuges</b>					
22. Identified	✓	✓	✓	✓	✓	60. Flammable Liquid Store	n					92. Clean	n				
<b>Lighting</b>						61. MSDS Available	n					93. Inspect Rotors	n				
23. Adequate	✓	✓	✓	✓	✓	62. WHMIS Labels	n					<b>Refrigerators</b>					
24. Operating Properly	✓	✓	✓	✓	✓	63. Dated Peroxides	n					94. Type	n				
<b>Emerg. Shwr / Eye Wash</b>						64. Suitable & Labels Fridge	n					95. Labels	n				
25. Accessible	n					<b>Hazardous Waste</b>						<b>Training</b>					
26. Within 10 sec travel time	n					65. Proper Segregation	n					96. WHMIS Training	x	x	x	x	x
27. Clearly Identified	n					66. Procedure	n					97. Compressed Gas	n				
28. Good Condition	n					67. Regular Disposal	n					98. Equipment Specific	n				
<b>Personal Protection</b>						68. Proper Storage	n					99. Lifting Devices	n				
29. Footwear	n					<b>Spill Kits</b>						100. Laboratory Training	x	x	x	x	x
30. Eye Protection	n					69. Appropriate	n					101. Other training	n				
31. Gloves	n					70. Stocked	n										
32. Hearing Protection	n																
33. Fall Protection	n																
<b>Safety Pgm Participation</b>																	
34. X-ray equipment	n																
35. Lasers	n																
36. Radioactive materials	n																
37. Bio-hazardous materials	n																

0. Safety committee Inspection:

- July
- August
- September
- October

Barby, Slowinski  
Wang,Z  
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20Jun2014  
06Jul2014  
11Aug2014  
05Sep2014  
14Oct2014

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Action Items and Comment(s)	Recommended Action(s)	Priority*	Person Responsible	Date Completed
Missing signage to fire extinguisher	Install signage to nearest fire extinguisher in corridor	Low	Paul Ludwig	22Jun2014
Safety training records	ECE H&S to come up with a safety training records database and posting	Monitor	Jim Barby	29Jul2014

**\*High** – Response required within 24 hours - Immediately dangerous to life and health

**Medium** – Response required within 14 days - Potential to cause injury but not immediately dangerous

**Low** – Response required within 14 days – May result in minor or no injury, but should be corrected

**Monitor** – Revisit within 90 days – Compliant, but circumstances may change or deteriorate