

<b>Department: Electrical &amp; Computer Engineering</b>	<b>Building and Room Number(s): DC-3709</b>
<b>Contact Person/Supervisor: Rossi Ivanova</b>	<b>Ext.: 38478</b>
<b>Inspected by: Barby, Slowinski, Mullins</b>	<b>Ext.: 33995, 36106, 31153</b> <b>Date: 27Jun2014</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	n	n	n	n		38. Accessible	n	n	n	n		71. Secured	n	n	n	n	
2. Fire / Evacuation	n	n	n	n		39. Identified	n	n	n	n		72. Properly marked	n	n	n	n	
3. Emergency Lockdown	n	n	n	n		<b>Electrical</b>						73. Properly Stored	n	n	n	n	
4. Hazardous Material Spills	n	n	n	n		40. Panels Identified	n	n	n	n		74. Proper Regulators	n	n	n	n	
5. Phone 911 Label	n	n	n	n		41. Wire Condition	✓	✓	✓	✓		75. Cylinder carts used	n	n	n	n	
6. Lab Hazards Form	n	n	n	n		42. Proper Grounding	✓	✓	✓	✓		<b>Regular Waste Containers</b>					
7. Hazard Waste Disposal	n	n	n	n		43. Adequate Outlets	✓	✓	✓	✓		76. Adequate Type	✓	✓	✓	✓	
8. No Chemicals in Sink	n	n	n	n		44. Ext cords temp use only	n	✓	✓	✓		77. Labelled Broken Glass	n	n	n	n	
<b>First Aid Stations/Kits</b>						45. C.S.A. Approved	✓	✓	✓	✓		<b>Laboratory Benches</b>					
9. Stocked	n	n	n	n		46. Elect Panels Accessible	✓	✓	✓	✓		78. Clean	✓	✓	✓	✓	
10. Accessible	✓	✓	✓	✓		47. GFI's used in wet area	n	n	n	n		79. Good Condition	✓	✓	✓	✓	
11. Regularly Inspected	n	n	n	n		48. Lockout/Tag procedure	n	n	n	n		80. Adequate Space	✓	✓	✓	✓	
12. First Aiders' Names	n	n	n	n		<b>Equipment</b>						<b>Fume Hood</b>					
<b>Fire Extinguishers</b>						49. Pre-use inspect record	n	n	n	n		81. Adequate Number	n	n	n	n	
13. Seal Unbroken	n	n	n	n		50. Clean	✓	✓	✓	✓		82. Adequate Type	n	n	n	n	
14. Accessible	✓	✓	✓	✓		51. Properly Guarded	✓	✓	✓	✓		83. Clean	n	n	n	n	
15. Proper Type	n	n	n	n		52. Good Condition	✓	✓	✓	✓		84. Good Condition	n	n	n	n	
16. Regularly Inspected	n	n	n	n		<b>Ventilation</b>						85. Face Velocity Tested	n	n	n	n	
<b>General</b>						53. Temperature	✓	✓	✓	✓		86. Flow Alarms	n	n	n	n	
17 Phone Access	✓	✓	✓	✓		54. Dust Control	n	n	n	n		<b>Pressure /Vacuum Vessels</b>					
<b>Floors and Aisles</b>						55. Fume Control	n	n	n	n		87. Safety Valves	n	n	n	n	
18. Clean	✓	✓	✓	✓		56. Equipment maintained	n	n	n	n		88. Vent Lines	n	n	n	n	
19. Aisles Clear	✓	✓	✓	✓		57. Guarding adequate	n	n	n	n		89. Inspection Certificate	n	n	n	n	
20. Good Condition	✓	✓	✓	✓		<b>Chemical Storage</b>						90. Shielding	n	n	n	n	
<b>Doors and Exits</b>						58. Identification	n	n	n	n		91. Tubing/Clamps	n	n	n	n	
21. Accessible	✓	✓	✓	✓		59. Segregated by Type	n	n	n	n		<b>Centrifuges</b>					
22. Identified	✓	✓	✓	✓		60. Flammable Liquid Store	n	n	n	n		92. Clean	n	n	n	n	
<b>Lighting</b>						61. MSDS Available	n	n	n	n		93. Inspect Rotors	n	n	n	n	
23. Adequate	✓	✓	✓	✓		62. WHMIS Labels	n	n	n	n		<b>Refrigerators</b>					
24. Operating Properly	✓	✓	✓	✓		63. Dated Peroxides	n	n	n	n		94. Type	n	n	n	n	
<b>Emerg. Shwr / Eye Wash</b>						64. Suitable & Labels Fridge	n	n	n	n		95. Labels	n	n	n	n	
25. Accessible	n	n	n	n		<b>Hazardous Waste</b>						<b>Training</b>					
26. Within 10 sec travel time	n	n	n	n		65. Proper Segregation	n	n	n	n		96. WHMIS Training	✓	✓	✓	✓	
27. Clearly Identified	n	n	n	n		66. Procedure	n	n	n	n		97. Compressed Gas	n	n	n	n	
28. Good Condition	n	n	n	n		67. Regular Disposal	n	n	n	n		98. Equipment Specific	✓	✓	✓	✓	
<b>Personal Protection</b>						68. Proper Storage	n	n	n	n		99. Lifting Devices	n	n	n	n	
29. Footwear	n	n	n	n		<b>Spill Kits</b>						100. Laboratory Training	✓	✓	✓	✓	
30. Eye Protection	✓	✓	✓	✓		69. Appropriate	n	n	n	n		101. Other training	n	n	n	n	
31. Gloves	✓	✓	✓	✓		70. Stocked	n	n	n	n							
32. Hearing Protection	n	n	n	n													
33. Fall Protection	n	n	n	n													
<b>Safety Pgm Participation</b>																	
34. X-ray equipment	n	n	n	n													
35. Lasers	n	n	n	n													
36. Radioactive materials	n	n	n	n													
37. Bio-hazardous materials	n	n	n	n													

0. Safety committee Inspection:

1. July
2. August
3. September
4. month

Barby, Slowinski, Mullins  
Ivanova  
Ivanova  
Ivanova  
*inspector name*

27Jun2014  
31Jul2014  
02Sep2014  
30Sep2014  
*inspection date*

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Action Items and Comment(s)	Recommended Action(s)	Priority*	Person Responsible	Date Completed
Missing signage to first aid kit in hallway	Create and post signage to first aid kit in hallway	Low	Paul Ludwig	08Oct2014
Missing signage to lab phone in hallway	Create and post signage to lab phone in hallway	Low	Paul Ludwig	08Oct2014
Missing signage to nearest fire extinguisher	Create and post signage to fire extinguishers in the metrology suite hallway	Low	Paul Ludwig	08Oct2014
Inspect documentation for laser in Raman instrument	Contact Doug Dye to inspect the Raman instrument laser	Low	Rossi Ivanova	16Jul2014

**\*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