

## Technical References for Laboratory Inspection Items

Section 1 - Laboratory Postings		Manual Reference
A.	Door signs present/updated	Sec.2.VIII; App.J-6 *
B.	Emergency phone numbers posted in lab	Sec.2.VIII.C; App.J-1
C.	Refrigerators have lab use only label	Sec.2.VIII.B *
Section 2 - Chemical Storage		Manual Reference
A.	Acids and bases in secondary containers	Sec.2.I.4; App.J-20 & 21
B.	All chemicals properly labeled	Sec.2.I.1; Sec.2.VIII.E.1; App.J-20 & 21 *
C.	Chemicals stored by class/compatibility	Sec.2.I.E.1; App.J-20 & 21 *
D.	Eintrinsically Safe refrigerator for flammables	Sec.2.I.2; App.J-20; Sec.2.VIII.B; Sec.2.I.E.2.G *
E.	Flammable liquids stored properly	Sec.2.I.2; App.J-20 *
F.	Gas cylinder properly labeled/anchored	Appendix C; Sec.2.I.3 *
G.	Lecture bottles properly labeled/stored	Appendix C *
H.	No outdated peroxide formers present	Sec.2.I.1; Sec.2.I.5; App.J-21; App.I-1
I.	Total flammable volume allowed in lab OK	Sec.2.I.2; App.J-20 *
G.	Volume outside flammable cabinet OK	Sec.2.I.2; App.J-20 *
H.	Waste containers properly closed	Appendix G *
I.	Waste containers properly labeled/stored	Appendix G *
Section 3 - Safety Shower Eyewash		Manual Reference
A.	Safety shower location posted	Appendix J-3
B.	Eye wash: tested/unobstructed	Sec.2.V.C; Sec.3.I.E; App.J-16 *
C.	Safety shower location posted	Appendix J-3
D.	Safety shower: tested/unobstructed	Sec.2.V.C; Sec.3.I.F; App.J-17 *
Section 4 - Electrical Laboratory Equipment		Manual Reference
A.	Belt guarded on motors and pumps	Sec.2.XI *
B.	Electrical cords not frayed	Sec.2.X *
C.	Equipment properly grounded	Sec.2.X *
D.	Extension cords used temporarily	Sec.2.X *
E.	Fume hood rating (OK, Caution, Danger)	Sec.2.IV; App.J-13; App.F
F.	Only UL 1449 rated power strips employed	Sec.2.X *
G.	Outlet wiring correct	Sec.2.X
H.	1449 strips used with computers & equip.	Sec.2.X *
Section 5 - Laboratory Conditions		Manual Reference
A.	Aisles Unobstructed	Sec.2.V.A; Sec.2.V.D & E *
B.	Corridors and exits unobstructed	Sec.2.V.A; Sec.2.V.D & E *
C.	Hand washing facilities available	Sec.2.III.G
D.	Lab doors closed to main corridor	Sec.2.V.E; Sec.3.I.H *
E.	No eating etc. around hazardous chemicals	Sec.2.III.D *
F.	Personal Protective Equip. Available/Used	Sec.2.VI; Sec.4.I.A.3; App.J-12; Sec.2.III.K *
G.	Sink Conditions OK	Sec.3.I.E
Section 6 - Laboratory Records		Manual Reference
A.	Chemical inventory kept	Sec.2.VII.A *
B.	MSDS/SDS for hazardous chemicals kept in lab	Sec 2.III.A.2; Sec. 2.VII.C; Right to Know Plan
C.	RTU training records maintained	Sec.2.VII.C; App. D-4; RTK *
Section 7 - Fire Extinguisher, First Aid, Spill Kits		Manual Reference
A.	Fire extinguishers present/inspected	NFPA 101
B.	First aid kit present	Sec.2.III.P

C. Spill Kit appropriate for laboratory

Sec.2.IX.C.1; App.J - 8 & 11; Sec.4.I.A.5 \*