



Environmental Health & Safety Annual Laboratory Inspection Report

Date of Inspection: _____
Principal Investigator: _____
Email: _____

Contact Information:
Location: _____
Office Phone: _____

I. Training and Documentation

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|--|-----|----|-------------------------------|-----|--|
| An up-to-date inventory is available & maintained for all hazardous materials (chemical & biological)? | | | | | OSHA 29 CFR 1910.1200; EPA 40 CFR 355.20-21; 25 TAC 295.182; BMBL Pg 126, NFPA 45.8.3.4.1 |
| Safety Data Sheets (SDS) are maintained & readily available at all times employees are present and for teaching laboratories? | | | | | OSHA 29 CFR 1910.1200(b)(4)(ii), (g)(1,8, & 10), 1910.1450(f)(3)(v), (h)(1)(ii); THCA 502.006; 25 TAC 295.5; PP 2.D.3 |
| Faculty, Employees, & Students have received & completed all institutional & laboratory-specific safety training for the hazards present & all training is documented? | | | | | THCA 502.009; 25 TAC 295.7(b); BMBL Pg 124; PP 2.G; NIH Guidelines App G-II-B-2-m |
| Is specific research being conducted that requires approval, documentation, &/or training? If YES... | | | | | ORC; NIH Guidelines, |
| Has PI completed TCUs Research Compliance application process & gained institutional approval to proceed? | | | | | ORC; IRB, IBC, IACUC, LSC; BMBL Pg 9 & 18; NIH Guidelines |
| Are hazardous substances (chemical, biological, or radioactive) or dry ice transported out of TCU from this lab/site? | | | | | OSHA 29 CFR 1910.1030; USPS 39 CFR Parts 20 & 111; EPA 40 CFR 262.30-262.32; DOT 49 CFR, Parts 171-180; 30 TAC 335.65-335.67; BMBL Pg 121, 415-421; IATA DGR; ICAO |

II. Personal Protection Safety – Clothing, Equipment, & Engineering Controls

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|--|-----|----|-------------------------------|-----|---|
| Personal clothing completely covers chest, back, shoulders, legs, entire foot, and does not present a fire or entanglement concern? | | | | | OSHA 29 CFR 1910.132, 1910.136; BMBL Pg 25; PP 7.F.1 |
| Hair, jewelry, lanyards, and other loose articles are confined or removed while working with chemicals and/or equipment? | | | | | OSHA 29 CFR 1910.1450AppA |
| Protective gloves are available and matched to hazards involved? <i>Gloves are only worn in the laboratory, removed before leaving the workspace, & not reused.</i> | | | | | OSHA 29 CFR 1910.138(b); PP 6.C.2.6.1 |
| Appropriate eye protection is available & used in the laboratory by all individuals? | | | | | OSHA 29 CFR 1910.133(a)(1); TAC 289.301; BMBL Pg 25, 36, 41; PP 6.C.2.2, 6.D.5, 7.F.1.3 |



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|---|-----|----|-------------------------------|-----|--|
| Lab coats of appropriate material for hazards present are available, worn, & removed before leaving for non-laboratory areas (i.e., offices, restrooms, conference rooms, etc.)? <i>This includes disposable protective clothing</i> | | | | | OSHA 29 CFR 1910.132(d)(1); NIH Guidelines App G-II-B-2-f; BMBL Pg 36, 41; PP 6.C.2.3, 6.C.2.6.2., 7.F.1.1 |
| Soiled or contaminated lab coats are appropriately stored & covered until disposed of or removed for laundering? | | | | | PP 6.C.2.3, 6.C.2.6.2 |
| Respirators are available & used in the laboratory, if needed, & selected for hazards present? If YES.... | | | | | OSHA 29 CFR 1910.134(a)(2); BMBL Pg 41; ANSI Z88.2-1992; PP 6.C.2.4, 7.F.2.4 |
| Respirator training, fit test, & medical evaluation completed for Employees? | | | | | OSHA 29 CFR 1910.134(e)(1) & (f)(1); PP 6.C.2.4, 7.F.2.4.2 |
| Respirators are inspected before & after each use, cleaned & disinfected, & stored to protect from damage, deformation, or contamination? | | | | | OSHA 29 CFR 1910.134(h)(1)(2) |
| Chemical fume hood is available? If YES... | | | | | OSHA 29 CFR 1910.1450(e)(3)(iii) |
| Chemical fume hood inspected within last 12 months & capable of drawing a minimum 80 LFM? (Rec 100-120 LFM) <i>Date of last inspection: _____</i> | | | | | OSHA 29 CFR 1910.1450(e)(3)(iii); ANSI/ASHRAE 110-2016; PP 2.C.2.4.1., 2.E.3., 9.C.2 |
| Chemical fume hood equipped with air flow indicator? | | | | | OSHA 29 CFR 1910.1450; PP 9.C.2.8 |
| Airflow unobstructed in chemical hood? <i>Working < 6" back from face & baffles with no equipment blocking airflow</i> | | | | | PP 6.C.2.4.1 & 9.C.2.5 |
| Actively used chemical fume hood free of clutter & not used for chemical storage? | | | | | OSHA 29 CFR 1910.1450 App(A)(4)(c); NFPA 45.9.2.3.7; PP 9.C.2.5 |
| Chemical fume hood sash is closed when not being used? | | | | | OSHA 29 CFR. 1450; NFPA 45.8.8.3; PP 9.C.2.6 |
| Items hanging on fume hood control knobs? | | | | | |
| Biological Safety Cabinet (BSC) is available? If YES... | | | | | BMBL Pg 28, 37, 40-41; NIH Guidelines App G-II-B-3-a, G-II-C-2-f |
| BSC certified within last 12 months? <i>Date of last inspection: _____</i> | | | | | BMBL Pg 17, 42-43, 386-387; NIH Guidelines App G-II-D-4-p; PP 9.E.4.1. |
| BSC free of clutter to maintain airflow and surfaces decontaminated | | | | | BMBL Pg 35, 40-41; NIH Guidelines App G-II-C-2-g; PP 9.E.4.1 |
| Broken glassware containers are available and in use? | | | | | 30 TAC 330.1219(b)(4); PP 4.E.9 & 6.C.3 |



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| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|--|
| Lab/Site HVAC system has no complaints? | | | | | 29 CFR 1910.1450 AppA.3.; PP 9.H.8; BMBL Pg 16 |

III. General Laboratory Safety & Housekeeping

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|--|
| Food & beverage rules are observed? <i>Food & beverages are not in lab area, nor stored in refrigerators, freezers, or glassware unless specifically designated.</i> | | | | | OSHA 29 CFR 1910.141(g), 1910.1030(d)(2)(ix)(x); NIH Guidelines App G-II-A-1-e & G-II-B-1-e; BMBL Pg 34 & 38; PP 6.C.2.3 |
| Handwashing areas available with running water, soap, & paper towels? | | | | | OSHA 29 CFR 1910.1030(d)(2)(iii) (iv); NIH Guidelines App G-II-A-4-d, G-II-B-4-d; BMBL Pg 36, 42, 68, 78, 85; PP 6.C.2.3 |
| Lab is maintained secure? <i>Doors closed and locked when lab is empty.</i> Access controls: _____ | | | | | PP 10.B.1.1; NIH Guidelines App G-II-B-2-b |
| Laboratory / storage areas are orderly & uncluttered? <i>INCLUDING: Lab benches, aisles, unnecessary boxes, old equipment, & trash</i> | | | | | OSHA 29 CFR 1910.22(a)(1), 1910.141 (a)(3), & 1910.176(c); EPA 40 CFR 265.35; PP 5.E.1 & 6.C.3 |
| Heavy objects are securely stored on lower shelves and do not create a hazard? | | | | | OSHA 29 CFR 1910.141(a)(3) & 1910.176(b); PP 5.E.1 |
| Glassware is free from cracks, chips, sharp edges & other defects? | | | | | PP 4.F.9 |
| Pipetting is performed by mechanical (pipet bulb, aspirator, Eppendorf, etc.) means? <i>NO MOUTH PIPETTING</i> | | | | | OSHA 29 CFR 1910.1030 (d)(2)(xii); NIH Guidelines App G-II-B-1-d; BMBL Pg 39; PP 6.C.2.3 |

IV. Chemical Safety & Storage

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|--|
| Are chemicals used in this area? If YES... | | | | | |
| Chemicals are properly segregated by hazard class (i.e., flammable, corrosive, oxidizer, reactive, toxic) & incompatible materials separated? <i>Chemicals stored by compatibility THEN alphabetically</i> | | | | | NFPA 45.9.2.3.2; NIOSH; PP 5.E.1-2 |
| Chemical containers are in good condition (i.e., labels intact, metal cans rust-free, etc.) & closed when not in use? | | | | | OSHA 29 CFR 1910.1450(h)(1)(i); 25 TAC 295.6; PP 6.C.3 |



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|--|-----|----|-------------------------------|-----|--|
| Chemicals are stored in secondary containers (specifically liquids), not on the floor (ANY), and heavy chemicals (≥ 4L) are on lower shelves? | | | | | NIOSH; PP 5.E.1, 6.C.3, 6.C.5 |
| Hazardous liquid chemicals are stored below eye level and hazardous materials limited to small quantities for use? | | | | | NIOSH; PP 5.E.1, 6.C.3, 6.C.5 |
| Flammable liquids are stored in approved cabinets, that are properly labeled, securely close, & are away from ignition sources or direct sunlight? | | | | | OSHA 29 CFR 1910.106(d), 1910.1450AppA(D)(2); NFPA 30.9.5, 45.10, 45.12.2.3.3; 30 TAC 326.21; PP 4.D.1, 5.E.5, 9.C.3.8 |
| Flammables stored outside of approved cabinets are within permissible quantities (limit = < 10 gallons or 38 liters)? | | | | | OSHA 29 CFR 1910.106(d)(2); NFPA 30 & 45; PP 5.E.5 |
| Flammable liquids requiring refrigeration are stored in properly labeled explosion proof or flammable resistant refrigerators / freezers (i.e., no regular refrigerators)? | | | | | NFPA 45.12.2.2.1; PP 5.E.4 |
| Bottle carriers or carts are available & utilized when transporting chemicals? | | | | | PP 5.C.2 |
| Primary & secondary chemical containers are labeled with identity, appropriate hazard warnings, & received / opened / expiration dates (if known) following current GHS standard requirements? | | | | | OSHA 29 CFR 1910.1200(f)(1)(6)(9); NFPA 45.9.2.3.4; NIOSH, 25 TAC 295.6; PP 5.D.5 |
| Explosive / peroxide forming / time sensitive chemicals & oxidants (i.e., chloroform, THF, dioxane, ethers, cyclohexene, butadiene, etc.) are labeled with received & open dates, have been stored for less than 1 year, or have been tested for peroxide formation if open ≥ 6 months? <i>Chloroform open ≥ 6 months must be disposed (phosgene formation)</i> **IMMEDIATELY PULL IF "NO"*** | | | | | NFPA 45.9.2.3-4; NIOSH; PP 6.G.6 |
| Non-time sensitive chemicals, in containers older than 2016, have been updated with required GHS labels for appropriate hazards? | | | | | OSHA 29 CFR 1910.1200(f)(1)(6)(9); NFPA 45.9.2.3.4; NIOSH, 25 TAC 295.6; PP 5.D.5 |
| Unnecessary or unused, non-time sensitive chemicals are removed from labs & storage areas? <i>Label non-time sensitive chemicals that are still in use with current "in use" date.</i> | | | | | OSHA 29 CFR 1910.22(a)(1); NFPA 45.9.2.3; EPA 40 CFR 262.11; 30 TAC 335.62 |



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V. Biological Safety

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|--|-----|----|-------------------------------|-----|---|
| Are biological materials used in this area? If YES... | | | | | |
| Biological materials are stored securely in freezers / refrigerators or areas with controlled access? | | | | | OSHA 29 CFR 1910.1030(e)(2)(ii)(C); BMBL Pg 36, 68, 125; NIH Guidelines App G-II-B-2-b, G-II-B-2-c; ORC Biological Safety in Research Policy; |
| Specimens of blood or other potentially infectious materials are placed in a secondary container during transport & containers are properly labeled? | | | | | OSHA 29 CFR 1910.1030(d)(2)(xiii), (g)(1)(i); BMBL Pg 35, 40, 127, 383; PP 6.E.1 |
| All cultures, stocks, and other potentially infectious materials are decontaminated before disposal using approved disposal methods? | | | | | NIH Guidelines App G-II-B-1-c, G-II-B-2-i; BMBL Pg 35, 48, 382; 476 |
| Work surfaces are cleaned & decontaminated after contact with blood or other potentially infectious materials? | | | | | OSHA 29 CFR 1910.1030(d)(4)(ii); NIH Guidelines App G-II-B-1-b; BMBL Pg 41, AppB; PP 6.E.1 |
| Autoclave is present in this area? If YES... | | | | | NIH Guidelines App G-II-B-4-f; BMBL Pg 41 |
| Autoclave log is maintained? | | | | | 30 TAC 330.1209(a); TCEQ |
| Autoclave serviced within last 12 months? <i>Date of last inspection:</i> _____ | | | | | CDC Disinfection & Sterilization Guideline; BMBL Pg 500, 505 |
| Autoclave is on validation schedule (i.e., spore testing)? <i>Date of last spore test:</i> _____ | | | | | NIH Guidelines App M-II-C-1-b-(5); BMBL Pg 62, 498, 505; CDC Disinfection & Sterilization Guideline; 30 TAC 330.11(f); TCEQ; PP 8.C.2.3 |

VI. Radiation Safety

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|--|-----|----|-------------------------------|-----|---|
| Are radioactive materials, x-ray generating or non-ionizing radiation equipment used in this area? If YES... | | | | | |
| Is Radiation Safety Binder present & up-to-date? | | | | | RSO |
| Are dosimeters available for required personnel & up-to-date? | | | | | OSHA 29 CFR 1910.1096(d)(2); PP 7.C.8.3 |



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|---|-----|----|-------------------------------|-----|---------------------------------------|
| Are lasers used in this area &, if so, what Class? <i>Laser Class:</i> _____ | | | | | |
| Appropriate protective equipment or shielding available & in use when working with radioactive materials or specific to the Class of lasers used? | | | | | ANSI Z136.1-2007; PP 6.C.2.2, 7.C.8.1 |

VII. Electrical Safety & Physical Hazards

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|---|
| Tools & equipment are in good condition (including electrical cords & thermostats) & electrically grounded? | | | | | NFPA 70.210.8 (B)(5); OSHA 29 CFR 1910.303(b)(7)(i), 1910.334(a)(2)(i)(ii), 1910.334(c)(2); IFC 605.5.3; NEC 250.138(A)PP 7.C.1.2 |
| Gloveboxes, safety shields, & other equipment present is in good working order? | | | | | OSHA 29 CFR 1910.334(c)(2), 1910.334(a)(1)(i); PP 7.F.2.2 & 9.E.1 |
| Extension cords are NOT used as permanent wiring? | | | | | IFC 605.5; OSHA 29 CFR 1910.305(g)(1)(iv)(A) |
| Power strips & extension cords are not connected in series (i.e., daisy chained) & cheater plug are properly grounded if/when used? | | | | | OSHA 29 CFR 1910.303(b)(2); NEC 400.10(B), 400.12(1); IFC 605.4; PP 7.C.1.2-3 |
| Electrical receptacles within 6' of water (i.e., sinks, eyewash stations, etc.), or used to as a means of connecting equipment, are protected with Ground Fault Circuit Interrupters (GFCI)? | | | | | OSHA 29 CFR 1910.305(j)(2)(iv); PP 7.C.1.1; NEC 210.8(B), 647.7(A) |
| Electrical cords, computer cables, hoses, etc. are secured & do not present tripping hazard? <i>No slip, trip, or fall hazards observed.</i> | | | | | OSHA 29 CFR 1910.22; PP 4.E.10, 7.C.8.4.5 |
| Vacuum pumps are in secondary containment? | | | | | PP 7.C.2, 7.E.3 |
| Are all points of operation, rotating components, and other moving parts of machinery, including pinch points & belts, properly guarded to prevent injury (i.e., vacuum pumps, paddle drags, etc.)? | | | | | OSHA 29 CFR 1910.212(a)(3)(ii); PP 7.C.8.4.2 |



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VIII. Compressed & Cryogenic Gas Safety

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|---|
| Are compressed gas cylinders used or stored in this area? If YES... | | | | | |
| Cylinders are stored upright & properly chained / secured to wall or benchtop? | | | | | NFPA 45.11.1.5.1 & Annex F.17; CGA P-1 3.4.4; PP 5.E.6 |
| Cylinder valve protection caps are in place when cylinders are not in use or being moved? | | | | | NFPA 45 Annex F.14; CGA P-1 3.2.1, 3.4.3; PP 5.E.6 |
| Cylinders are clearly & properly marked with contents and in good condition? | | | | | OSHA 29 CFR 1910.101(a); DOT 49 CFR Parts 171-179; CGA P-1 3.1.8,3.4.2, 5.3.7; PP 7.D.1.1 |
| Regulators are in use & suitable for type of gas? Regulators, hoses, & tubing are in good working condition? | | | | | OSHA 29 CFR 1910.101(c); NFPA 55.8.2.4; CGA P-1 3.4.5-8; PP 7.D.2.2-3, 7.D.3.2 |
| Highly flammable, toxic, or corrosive gases are stored in properly ventilated gas cabinet & away from excessive heat or near highly flammable substances? | | | | | OSHA 29 CFR 1910.101(b); CGA P-1 3.3.5-6; PP 5.E.6 |
| Charged & empty cylinders are stored separately? <i>Empty cylinders marked "EMPTY"</i> | | | | | OSHA 29 CFR 1910.101(b); CGA P-1 3.3.4; PP 5.E.6 |
| Cylinders of oxygen & other oxidizers are stored at least 20 feet from flammable gas containers or combustible materials? | | | | | OSHA 29 CFR 1910.101(b); CGA P-1 3.5.3; PP 7.D.3.3 |

IX. Fire Safety

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|--|-----|----|-------------------------------|-----|--|
| Sprinkler heads are not blocked & ceiling clearance of 18" is maintained? | | | | | OSHA 29 CFR 1910.159(c)(10); NFPA 1.10.19.3.2 |
| Ceiling clearance of 24" maintained in areas without sprinklers? | | | | | NFPA 1.10.19.3.1 |
| Emergency exits / means of egress are clearly marked and free from obstruction | | | | | 29 CFR Part 1910.37(a)(3); NFPA 101.7.1.10.1, 101.7.1.10.2.1, 101.7.10.1.2.1; PP 2.E.3 |
| Tops of flammable cabinets are clear? <i>Nothing is stored on top of cabinets</i> | | | | | NFPA 45.12.2.2; NIOSH; PP 5.E.1 |



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X. Hazardous Communication & Signage

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|---|
| Signs on storage areas (i.e., refrigerators, freezers, cabinets, etc.) and laboratories are consistent with hazards within? | | | | | OSHA 29 CFR 1910.1200(f)(10) |
| Warning Signs and labels are present, whenever required, at areas or equipment where chemicals are stored, & where special or unusual hazards exist? | | | | | OSHA 29 CFR 1910.1450 AppA, D.7; PP 5.E.4-8 |
| Biohazard symbols are posted on access doors to biohazard laboratories, animal rooms, & on any equipment used to store, contain or process biohazard materials? | | | | | OSHA 29 CFR 1910.145(e)(4), (f)(8), 1910.1030(g)(1)(i)(A); BMBL Pg 35, 40, 127, 383; PP 5.E.4; NIH Guidelines App G-II-B-2-d; |
| All spaces and items which store, handle or use radioactive materials are properly labeled with " Radioactive Material ", " Radiation Area " or other applicable hazard warning labels? | | | | | USNRC 10 CFR 20.1902; OSHA 29 CFR 1910.1096(e); FDA 21 CFR 1040.10(g). |
| Laser signs are posted on access doors to laboratories when Class II and above lasers are stored and/or used in the laboratory? | | | | | ANSI Z136.1, Z136.5, Z136.8; FDA 21 CFR 1040.10(g) |
| NFPA door placards & Emergency Contacts are posted & current? | | | | | OSHA 29 CFR 1910.1450 AppA D.7; NFPA 704 4.1-3; BMBL Pg 33, PP 4.D.1.3 |

XI. Safety Equipment, Spills, & Emergency Planning

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|--|
| Is Safety Equipment present? If YES... | | | | | |
| Safety shower present? <i>Date of last inspection:</i> _____ | | | | | OSHA 29 CFR 1910.151(c), 1910.1450AppA C.2.a; EPA 40 CFR 265.33; ANSI Z358.1-2004; PP 2.F.2 |
| Eyewash station present? <i>Date of last inspection:</i> _____ <i>Weekly activation/testing log?</i> _____ | | | | | OSHA 29 CFR 1910.151(c), 1910.1450AppA C.2.a; ANSI Z358.1-2004; EPA 40 CFR 265.33; PP 2.F.2 |
| Safety Showers and eye wash stations are clearly labeled, unobstructed, clean, & in good working order? | | | | | OSHA 29 CFR 1910.145 (d)(6), 1910.1450AppA C.2.a; ANSI Z358.1-2004; PP 2.F.2, 6.C.3 |
| Fire extinguisher present? <i>Type / Class:</i> _____ <i>Date of last inspection:</i> _____ | | | | | OSHA 29 CFR 1910.157(d)(1), (e)(1); NFPA 10.7.2.1.2; 30 TAC 335.112(z)(2); EPA 40 CFR 265.33; PP 2.F.2 |
| Travel distance of laboratory fire extinguishers is 50' or less & fire extinguishers are wall mounted? | | | | | OSHA 29 CFR 1910.157(d)(4); NFPA 10.E.4.4 |



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|--|-----|----|-------------------------------|-----|--|
| First Aid Kits are readily available, clearly visible, & have been restocked within 6 months? | | | | | OSHA 29 CFR 1910.151(b); PP 2.F.2 |
| Chemical spill kit is complete and available? Spill kit is adequate for the types and quantities of chemicals in the laboratory | | | | | OSHA 29 CFR 1910.1450 AppA D.8; PP 7.F.2.1 |

XII. Waste Management

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|--|-----|----|-------------------------------|-----|--|
| Laboratory Waste containers are properly labeled, including: Name of all chemical contents (Including water - <i>NO ABBREVIATIONS</i>), % of each constituent, Date accumulation began, Location (building & room #), & Name of PI or responsible party? | | | | | OSHA 29 CFR 1910.1450 AppA.8; EPA 40 CFR 262.34(d)(4); 30 TAC 330.1207, 335.69(f)(4)(A); PP 8.B.4.1 |
| Waste is not accumulated for longer than 6 months ? | | | | | EPA 40 CFR 262.16(b), 262.208 (Subpart K); PP 8.B.4.1 |
| Waste containers are appropriately tagged before placing in storage area. | | | | | 30 TAC 330.1207(c), 335.9 (A)(1) |
| Waste containers are closed unless actively pouring chemicals or serving as active drainage on analytical equipment? | | | | | PP 8.B.4.1 |
| Liquid waste disposed of in the sinks meets drain disposal requirements? <i>Liquid waste disposal has been approved by the TCU HW Manager.</i> | | | | | EPA 40 CFR 403.5(b); 30 TAC 305.542; NIH Guidelines APP G-II-B-1-c; PP 8.B.6.2, 8.C.2.2, 11.E.3 |
| Waste streams are separated as necessary (i.e., solid vs. liquid, haz vs. non-haz, halogenated vs non-halogenated, etc.) | | | | | PP 8.B.4.1 |
| Is Biohazard Waste generated in this area? If YES... | | | | | |
| Waste is appropriately marked with a biohazard symbol? | | | | | OSHA 29 CFR 1910.1030(d)(2)(xiii), (g)(1)(i); EPA 40 CFR 172.323; BMBL Pg 35, 40, 127, 383; PP 6.E.1; 30 TAC 330.1207.C(4) |
| Waste is kept in a secondary container & closed when not adding to? | | | | | NIH Guidelines App G-II-B-2-a; PP 8.B.4.1 |



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|---|-----|----|-------------------------------|-----|---|
| Is Sharps Waste (i.e. needles, syringes, razors, blades, etc.) generated in this area? If YES... | | | | | |
| Are sharps containers available, and in use, to immediately discard? <i>Sharps container is NOT overfilled</i> | | | | | OSHA 29 CFR 1910.1030 (d)(2)(viii) & (xiii)(A); NIH Guidelines App G-II-B-2-j; 30 TAC 326.19(b); BMBL Pg 34-35, 39, PP 6.C.2.5. & 7.C.8.4.3 |
| Syringes are needle locking, not recapped after use, and securely stored with controlled access? | | | | | OSHA 29 CFR 1910.1030 (d)(2)(vii)(viii) & (e)(2)(ii)(J); NIH Guidelines App G-II-B-2-j; BMBL Pg 34-35 & 39; PP 6.C.2.5 & 7.C.8.4.3 |
| Sharps (needles, razors, knives, blades, etc.) are secured? | | | | | OSHA 29 CFR 1910.1030 (d)(2)(vii)(viii); PP 4.E.9 & 6.C.2.5 |
| Radioactive waste is properly marked with radiation symbol. | | | | | USNRC 10 CFR 20.1901, 20.1904; EPA 40 CFR 266.21 |

XIII. Miscellaneous

| Inspected | Yes | No | COS (Corrected on Site) | N/A | Comments |
|---|-----|----|-------------------------------|-----|---|
| Previous inspection "action items" have been corrected? | | | | | PP 2.E.2.4-5 |
| Previous incident / injury / illness / near miss / any other concerns / data have been documented &/or addressed? | | | | | BMBL Pg 19; PP 2.E.2.5, 2.F.4, 11.G.1 |
| Lab / Site specific risk assessment, responsibilities, training & documentation discussed with PI / Supervisor / Safety Representative. | | | | | OSHA 29 CFR 1910.1450; BMBL Pg 9-20; PP 1.D.3, 2.G, 4.B.8 |



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I. Follow Up Recommendation / Action Items

| |
|--|
| |
|--|

| Report Completed Date | Due Date for Action Items | Follow Up Date |
|-----------------------|---------------------------|----------------|
| | | |

Inspection / Walk-through completed by:

• Name: _____

• Title: _____

Signature: _____

Questions? Please contact the Risk Management Office at 817-257-5395 or email Safety@tcu.edu



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Reference Key:

ANSI – American National Standards Institute
ASHRAE – American Society of Heating, Refrigerating, and Air-Conditioning Engineers
APHIS – Animal and Plant Health Inspection Service *U.S. Department of Agriculture*
BMBL – Biosafety in Microbiological and Biomedical Laboratories, 6th Edition (2020)
USDHHS, CDC, & NIH
CDC – Centers for Disease Control and Prevention
CFR – Code of Federal Regulations
CGA – Compressed Gas Association Pamphlet P-1-1965
DEA – Drug Enforcement Administration
DGR – Dangerous Goods Regulations *IATA*
DOT – U.S. Department of Transportation
EAR – Export Administration Regulations *U.S. Department of Commerce*
EPA – Environmental Protection Agency
HMR – Hazardous Materials Regulations *DOT*
IACUC – Institutional Animal Care and Use Committee *TCU*
IATA – International Air Transport Association
ICAO – International Civil Aviation Organization
IBC – Institutional Biosafety Committee *TCU*
IFC – International Fire Code
ILAR – Institute for Laboratory Animal Research *U.S. National Research Council*
IRB – Institutional Review Board *TCU*
ITAR – International Traffic in Arms Regulations *U.S. Department of State*
LSC – Laser Safety Committee *TCU*
NEC – National Electrical Code *NFPA 70*
NFPA – National Fire Protection Association
NIH – National Institutes of Health
NIOSH – National Institute for Occupational Safety and Health (Publication 2007-107)
NRC – National Research Council of the National Academies
ORC – Office of Research and Compliance *TCU*
OSHA – Occupational Safety and Health Administration
PP – Prudent Practices in the Laboratory, Updated Version (2011) *NRC*
TAC – Texas Administrative Code
TCEQ – Texas Commission on Environmental Quality
THCA – Texas Hazard Communication Act
USDHHS – U.S. Department of Health and Human Services
USNRC – U.S. Nuclear Regulatory Commission
USPS - U.S. Postal Service