



Environmental Health & Safety Annual Laboratory Inspection Report

Date of Inspection: _____

Contact Information: _____

Principal Investigator: _____

Location: _____

Email: _____

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(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> <i>Access controls: _____</i>					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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Inspected	Yes	No	COS (Corrected on Site)	N/A	Comments
Chemicals are stored in secondary containers (specifically liquids), not on the floor (ANY), and heavy chemicals ($\geq 4L$) 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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Inspected	Yes	No	COS (Corrected on Site)	N/A	Comments
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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Inspected	Yes	No	COS (Corrected on Site)	N/A	Comments
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