Class V Permit

Yale New Haven Health Infection Control Risk Assessment			
Location of Work	YNHHS MC Roche Chemistry Standardization-Phase 1 and 2	Project Start Date	1/6/25
Estimated Duration	1-2 Months	Completion Date	TBD
FD&C Project Manager	Bogue, Joanne, Todd Oppelt, Rich Gonyo	Phone	203.430.8350, 860.334.8352, 860.961.9669
Foreman/Supervisor	Kevin Curry	Phone	(860) 885.8366
Contractor	A/Z CORPORATION	Phone	(860) 885.8366
Approving Authority	Infection Prevention	Phone	475.248.6263

All breeches of this document must be reported to the Contractor and to the Facilities Design & Construction Project Manager

Should scope of work change or when there is discovery of additional toxic or biological substances, **STOP WORK** and seek additional approval and guidance before proceeding.

Step 1 Type of Activity	Scope of Activity to justify Type chosen
☐ Type A: Non-invasive	Demolition and renovation
☐ Type B: Small-scale, short duration	
☐ Type C: Large-scale, longer duration	
☒ Type D: Major Demolition, Construction	
Step 2 Patient Risk Area	**Describe the area to justify the Area Level chosen.**
☐ Low: Non-patient care areas	Laboratory area
☐ Medium: Patient care support areas	
☒ High: Patient Care areas	
☐ Highest: Invasive, sterile, or highly compromised care	

Step 3 Class of Precautions select one from this table based on steps 1 & 2

	Type A	Type B	Type C	Type D
Low	☐ I	☐ I	☐ II	☐ III
Medium	☐ I	☐ II	☐ III	☐ IV
High	☐ I	☐ III	☐ IV	☒ V
Highest	☐ III	☐ IV	☐ V	☐ V

Mitigation Activity	
Class V	1. Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if the ceiling tile is removed, to the deck above. 2. All plastic or hard barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secured from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling, or floor. 3. Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type) 4. Construct anteroom large enough for equipment staging, cart cleaning, workers. The anteroom must be constructed adjacent to entrance of construction work area. 5. Personnel will be required to wear coveralls at all times during Class V work activities. Coveralls must be removed before leaving the anteroom. 6. Remove or isolate return air diffusers to avoid dust from entering the HVAC system. 7. Remove or isolate supply air diffusers to avoid positive pressurization of the space. 8. Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized. 9. Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows does not require HEPA-filtered air.

	10. If exhaust is directed indoors, then the system must be HEPA-filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as not less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is not acceptable. 11. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (bathroom exhaust) is not acceptable. 12. Install device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor negative pressurization. The "ball in the wall" or similar apparatus are not acceptable. 13. Contain all trash and debris in the work area. 14. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the area. Containers must be damp-wiped clean and free of visible dust/debris before leaving the contained area. 15. Worker clothing must be clean and free of visible dust before leaving the work area. HEPA vacuuming of clothing or use of coveralls is acceptable. 16. Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed. 17. Install a sticky dust collection mat at the entrance of contained work area. Sticky mats must be changed routinely and when visibly soiled. 18. Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.

Additional mitigation activities required: Use edge guard for containment
Remove all items from the construction zone.
Use negative pressure, monitor and document twice daily. Post the negative pressure log along with ICRA.
Room 153 storage room- Edge guard with plastic on top under the existing vents. Use sticky mats.
Have staff remove items from the cabinet for what they need and tape cabinets.

Upon Completion of Work Activity	
Class V	Inspection and documentation required for downgraded ICRA precautions
	Work Area Cleaning:
	1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces
	Removal of Critical Barriers
	1. Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed. 2. All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers. a. Carefully remove screws and painters' tape b. If dust will be generated during screw removal, use hand-held HEPA vacuum. c. Drywall cutting is prohibited during removal process. d. Clean all stud tracks with HEPA vacuum before removing outer hard barrier e. Use a plastic barrier to enclose area if dust could be generated.
	Negative Air Requirements
	1. The use of negative air must be designed to remove contaminates from the work area. 2. Negative air devices must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers.
	HVAC systems
	1. Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed. 2. Verify that HVAC systems are clean and operational. 3. Verify that HVAC systems meet original airflow and air exchange design specifications.

Exceptions/Additions to this permit date and initials are noted by attached memoranda			
Permit Request by	Joanne Bogue	date	1.6.25
Permit Authorized by	Anjali Poudyal, Vineetha Sujanan	date	1.6.25
Approval Signature	Anjali Poudyal		