

Inspection Checklist for Biocontainment: Plant Containment Laboratories (7 CFR 331; BMBL 6th Edition)

Entity Name:

Inspection Date:

Building/Rooms:

Inspectors:

When information is entered in this form, the form is to be considered "Sensitive Select Agent Information."

Section	Regulation Text	Observation	Status	Comments
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan provides a description that the structure is reinforced. The description includes transparent walls and ceiling that are strong enough to secure agents and toxins (e.g., Plexiglass, Lucite, Lexan, Laminated heat-strengthened glass, wire reinforced glass). Polyethylene and vinyl sheets are not acceptable.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Structure is reinforced. Transparent walls and ceiling are strong enough to secure agents and toxins (e.g., Plexiglass, Lucite, Lexan, Laminated heat-strengthened glass, wire reinforced glass) Polyethylene and vinyl sheets are not acceptable.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan includes a description that transparent walls and ceilings are monitored or alarmed to detect breakage due to sound, motion, or pressure.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Transparent walls and ceilings are monitored or alarmed to detect breakage due to sound, motion, or pressure.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan describes how windows are locked or sealed and doors have access controls.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	

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12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Procedures are in place that require windows to be locked or sealed and doors have access controls.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan includes a description that floors are constructed of monolithic material that is impervious to liquids and are sealed at joints and around structure.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Floors are constructed of monolithic material that is impervious to liquids and are sealed at joints and around structure.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	When floor drains are present, the plan describes that waste water in drains is collected for sterilization.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	When floor drains are present, waste water in drains is collected for sterilization.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan describes that a negative air pressure gradient is maintained in laboratory rooms.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Negative air pressure is maintained in laboratory rooms.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	

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12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The entity plan describes that all exhaust air derived from the containment area is HEPA-filtered.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	All exhaust air derived from the containment area is HEPA-filtered.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The entity plan provides a description that the HVAC system has emergency power back-up.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	The HVAC system has emergency power back-up.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Plant and experimental waste (soil, plant material, pots, equipment) is collected and treated prior to disposal.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan includes a description of how plant waste and experimental waste (soil, plant material, pots, equipment) is collected and treated prior to disposal.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	

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12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Personnel decontaminate footwear when leaving the greenhouse or walk-in growth chamber.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The entity plan describes procedures for hand washing or sanitizing when leaving the greenhouse or walk-in growth chamber.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Personnel wash or sanitize hands when leaving the greenhouse or walk-in growth chamber.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The plan describes PPE to be worn when working with airborne or mechanically transmitted agents.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Procedures are implemented for wearing appropriate PPE when working with airborne or mechanically transmitted agents.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	

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12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Entity implements procedures for decontamination of PPE.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The entity plan describes a pest control program for the growth chamber and greenhouse.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	A pest control program is in place for the growth chamber and greenhouse.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Caulking material is intact on greenhouse panels, sills, small openings, and in and around greenhouse structures.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(a)	An individual or entity required to register under this part must develop and implement a written biocontainment plan that is commensurate with the risk of the select agent or toxin, given its intended use. The biocontainment plan must contain sufficient information and documentation to describe the biocontainment procedures for the select agent or toxin, including any animals (including arthropods) or plants intentionally or accidentally exposed to or infected with a select agent. The current biocontainment plan must be submitted for initial registration, renewal of registration, or when requested.	The entity plan describes methods to prevent unintentional contamination when working in a greenhouse or growth chambers with both select and non-select agent infected plants.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	
12(b)	The biocontainment procedures must be sufficient to contain the select agent or toxin (e.g., physical structure and features of the entity, and operational and procedural safeguards).	Methods are in place to prevent unintentional contamination when working in a greenhouse or growth chambers with both select and non-select agent infected plants.	<input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A	