


STANDARD OPERATING PROCEDURE				
	Transporting Biosafety Level 2+ (BSL2+) Biohazardous Waste		SOP# TC-SOP-017	
	Originated by:	EH&S	Date:	22 November 2018
	Reviewed By:	Amruta Samant	Pages:	1 of 2
	Approved by:	Amruta Samant		

I. PURPOSE:

The purpose of this procedure is to establish and outline the general rules and safety requirements for transporting BSL-2+ waste between tissue culture suites at Ragon Institute.

II. SCOPE:

This procedure applies to all employees, contractors and trainees that are required to enter the laboratory facility. This SOP is not applicable for TC 714 (LPAI work).

III. RESPONSIBILITIES:


- A. The lab managers are responsible for the overall implementation of this procedure. The management needs to periodically review the outlined procedure and initiate any updates to this procedure.
- B. All employees, contractors and trainees are required to follow this procedure.

IV. SAFETY:

This document outlines the guidelines to be followed in BSL2+ laboratories at Ragon Institute.

V. GUIDELINES:

1. All BSL2+ solid biohazard waste is to be segregated from other biohazardous waste streams.
2. Red biohazard bags are placed inside another red biohazard bag (i.e. double bagged), ensuring no leaks/rips/tears.
3. Wipe down the outside bag with disinfectant before removing from laboratory area with 70% EtOH
4. Double bagged waste is now placed in an appropriate secondary container and secured for transport (durable leak proof grey bins)
 - a. Appropriate PPE includes lab coat, safety glasses, and gloves
5. Durable leak proof secondary containers must be transported on a cart to a designated autoclave/anteroom, not carried.
6. Once inside autoclave anteroom, unload red bags from secondary transport container directly into autoclave (do not place bags directly on cart or floor)
7. Ensure red bags are not tightly sealed to allow autoclave steam to penetrate throughout the biohazardous waste
8. Once autoclave is running, inspect the inside of secondary transport containers for leaks and wipe with appropriate disinfectant
 - a. 10 % bleach for handling leaks or spills
9. Return cart and secondary container to BSL2+ anteroom.
10. Doff PPE per normal procedures and wash hands upon completion

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VI. APPENDICES/ NOTES:

General Precautions:

- Secondary transport containers should be sealed, preventing any release of material or potential spill
- This procedure is to be used only in the event that the autoclave designated for your BSL2+ laboratory is broken.