

Idaho National Laboratory

DISEASE CONTROL	Identifier: RD-2102
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Subcontractors	Program Requirements Document	eCR Number: 609406
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Manual: INL Subcontractor Requirements

Entire Document Changed

1. PURPOSE

This document identifies requirements referenced in the Source Documents section, as well as Contractor requirements. Any applicable regulatory or Contractor requirements must be followed, with the most stringent requirement being met.

2. APPLICABILITY

This document applies to all subcontractors working at the INL, as specified in their contract with Contractor. Stricter requirements may be imposed by subcontractors upon their employees or subtier contractors. The requirements of this document must be followed by subcontractors; however, the means of implementation may vary as determined by the subcontractor.

3. REQUIREMENTS

- 3.1.1 To maintain good housekeeping and sanitation practices at the jobsite, the requirements in 29 CFR 1926.25, and .51 shall be implemented. Additional requirements specific to disease control are specified below.

3.2 Precautions Against Hanta Virus

NOTE: *The requirements of this section apply when workers are exposed to or are required to clean up areas of rodent infestation.*

- 3.2.1 Workers whose jobs involve a higher-than-normal exposure to rodent infestation (such as work in crawl spaces or other areas likely to be infested with rodents) shall be notified of the dangers and symptoms of hantavirus infection.
- 3.2.2 Cleaning up areas of rodent infestation shall be reviewed for safety in accordance with RD -2000, Work Coordination and Hazard Control.
- 3.2.3 If the safety review indicates a hazard from inhaling contaminated dust or aerosols, workers assigned to cleanup activities shall wear appropriate respiratory protection and shall be trained and qualified in its proper use (see RD -2109, Respiratory Protection).

NOTE: *The Centers for Disease Control recommend either a half-face air-purifying respirator or a powered air-purifying respirator equipped with HEPA filters.*

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- 3.2.4 Persons cleaning up rodent-infested areas shall wear latex or nitrile gloves and safety glasses with side shields.
- 3.2.5 All PPE to be worn during cleanup activity shall be clearly indicated on the hazard evaluation or work-control document.
- 3.2.6 Persons cleaning up rodent-infested areas shall be trained on proper cleanup techniques and on the dangers and symptoms of hantavirus infection.
- 3.2.7 If the cleanup area is inside a building, the area shall be ventilated by opening windows and doors or by using mechanical ventilation for at least 30 minutes before further cleanup proceeds.
- 3.2.8 Before rodent nests, droppings, carcasses, or other potentially contaminated materials are disturbed or moved, the area shall be thoroughly sprayed with commercial disinfectant or a solution of 1 1/2 cups of bleach to 1 gallon of water to disinfect the area.
- NOTE 1:** *Commercial disinfectants are preferred over bleach solution for use on carpeted areas.*
- NOTE 2:** *Using a spray bottle to apply disinfectant solution minimizes the amount of material put into the air.*
- 3.2.9 The disinfectant/bleach solution shall be allowed to remain on the area for between 15 minutes and 30 minutes before cleanup activity proceeds.
- 3.2.10 The area shall be cleaned up with minimum disturbance, preferably while materials are still damp from disinfectant/bleach solution.
- 3.2.11 Vacuum cleaning equipment shall not be used to pick up rodent droppings, nests, carcasses, or obviously contaminated material.
- 3.2.12 If dry material is encountered during the cleanup, it shall be disinfected or re-dampened as described in 3.2.8.
- 3.2.13 After potentially infective materials have been removed, surfaces such as floors, walls, or shelves in the disinfected area shall be wet wiped or mopped.
- 3.2.14 All potentially infective waste material (including respirator filters) from clean-up operations shall be double bagged in appropriate plastic bags and disposed of as normal trash, unless directed otherwise by work control documents or the Contractor POC.

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3.2.14.1 If the presence of hantavirus has been established, waste materials shall be labeled and disposed of as infectious waste.

3.2.15 Traps contaminated with rodent urine or feces or in which a rodent has been captured shall be disinfected with a disinfectant or bleach solution. Dead rodents shall be disposed of as described in 3.3.14.

3.2.15.1 Any worker who develops a fever, flu-like symptoms, or respiratory illness within 45 days after being exposed to rodent-infested areas shall seek immediate medical attention and shall notify the attending physician of the potential for hantavirus infection.

3.3 Bloodborne Pathogens

3.3.1 Subcontractors shall notify each employee that if the employee is exposed to another person's blood or other body fluids (such as when giving first aid after an accident), the exposed employee shall wash his/her hands and other exposed skin surfaces immediately and thoroughly, using soap and water or no-rinse hand disinfectant.

3.3.2 An employee who is exposed to another person's blood or other body fluids shall report the incident to the immediate supervisor.

3.3.3 Supervisors shall report the exposure to the Contractor Point of Contact (POC).

4. DEFINITIONS

For definitions of terms used throughout the INL Subcontractor Requirements Manual, refer to LST-359.

5. REFERENCES

5.1 Source Documents

40 CFR Parts 141/142

29 CFR 1926.25 Housekeeping

29 CFR 1926.51, Sanitation

Centers for Disease Control (CDC), Hantavirus Illness in the United States