Bio Terror Bible

EXPOSING THE COMING BIO-TERROR PANDEMIC

BIOTERRORBIBLE.COM: BSL Labs or biosafety level labs have been built all over the United States and around the world. For strategic purposes, a majority of these BSL labs have been purposely placed in large population centers. Regardless of their rating (1-4), BSL labs are a major health risk to the general public simply based on the fact that they house deadly pathogens and suspicious "accidents" tend to occur at these facilities on a regular basis. Should a bio-terror pandemic arise, it is highly likely that BSL labs will serve as the original source of the deadly pathogen.

Title: Biosafety Level 4
Date: 2012
Source: Wikipedia

See Current List Here

Abstract: A biosafety level is the level of the biocontainment precautions required to isolate dangerous biological agents in an enclosed facility. The levels of containment range from the lowest biosafety level 1 (BSL-1) to the highest at level 4 (BSL-4). In the United States, the Centers for Disease Control and Prevention (CDC) have specified these levels. In the European Union, the same biosafety levels are defined in a directive.

Biosafety Level 4
This level is required for work with dangerous and exotic agents that pose a high individual risk of aerosol-transmitted laboratory infections, agents which cause severe to fatal disease in humans for which vaccines or other treatments are *not* available, such as Bolivian and Argentine hemorrhagic fevers, Marburg virus, Ebola virus, Lassa fever, Crimean-Congo hemorrhagic fever, smallpox, and various other hemorrhagic diseases.

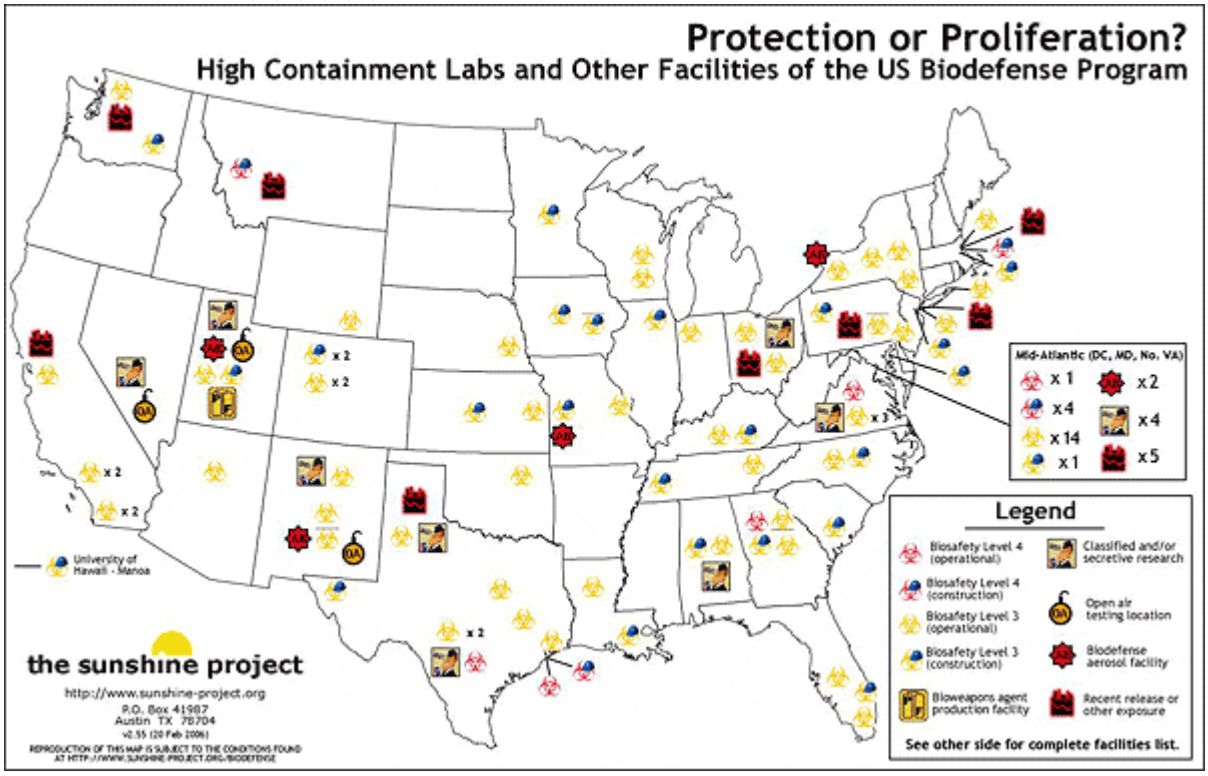
When dealing with biological hazards at this level the use of a positive pressure personnel suit, with a segregated air supply, is mandatory.

The entrance and exit of a level four biolab will contain multiple showers, a vacuum room, an ultraviolet light room, and other safety precautions designed to destroy all traces of the biohazard.

Multiple airlocks are employed and are electronically secured to prevent both doors opening at the same time.

All air and water service going to and coming from a biosafety level 4 (or P4) lab will undergo similar decontamination procedures to eliminate the possibility of an accidental release.

Agents with a close or identical antigenic relationship to biosafety level 4 agents are handled at this level until sufficient data is obtained either to confirm continued work at this level, or to work with them at a lower level.



Members of the laboratory staff have specific and thorough training in handling extremely hazardous infectious agents and they understand the primary and secondary containment functions of the standard and special practices, the containment equipment, and the laboratory design characteristics.

They are supervised by qualified scientists who are trained and experienced in working with these agents. Access to the laboratory is strictly controlled by the laboratory director.

The facility is either in a separate building or in a controlled area within a building, which is completely isolated from all other areas of the building. A specific facility operations manual is prepared or adopted. Building protocols for preventing contamination often use negatively pressurized facilities, which, even if compromised, would severely inhibit an outbreak of aerosol pathogens.

Within work areas of the facility, all activities are confined to Class III biological safety cabinets, or Class II biological safety cabinets used with one-piece positive pressure personnel suits ventilated by a life support system (Wikipedia, 2012).

Known Bio-Safety Level 4 Labs Worldwide

Africa
Bio-Safety Level 4: Centre International de Recherches Médicales de Franceville: Gabon, Africa
Bio-Safety Level 4: National Institute for Communicable Diseases South Johannesburg, Africa

Australia
Bio-Safety Level 4: Australian Animal Health Laboratory: Geelong, Australia
Bio-Safety Level 4: National High Security Laboratory: North Melbourne, Australia
Bio-Safety Level 4: University of Queensland: Sir Albert Sakzewski Virus Research Centre (SASVRC): Herston, Australia
Bio-Safety Level 4: Virology Laboratory of the Queensland Department of Health: Coopers Plains, Australia

Canada
Bio-Safety Level 4: National Microbiology Laboratory: Winnipeg, Canada

China
Bio-Safety Level 4: Preventive Medical Institute of ROC Ministry of National Defense: Taiwan, China

Eastern Europe
Bio-Safety Level 4: Biological Defense Center Těchonín, Czech Republic
Bio-Safety Level 4: Republican Research and Practical Center for Epidemiology and Microbiology: Minsk, Belarus

England
Bio-Safety Level 4: Defence Science and Technology Laboratory: Porton Down, England
Bio-Safety Level 4: Health Protection Agency's Centre for Infections: Colindale, London, England
Bio-Safety Level 4: Health Protection Agency (Botulism): Porton Down, England
Bio-Safety Level 4: Health Protection Agency: Special Pathogens Reference Unit: Porton Down, England
Bio-Safety Level 4: Institute for Animal Health: Pirbright, England
Bio-Safety Level 4: National Institute for Medical Research: London, England

France
Bio-Safety Level 4: Laboratoire P4 Jean Mérieux: Lyon, France

Germany
Bio-Safety Level 4: Bernhard Nocht Institute for Tropical Medicine: Hamburg, Germany
Bio-Safety Level 4: Friedrich Loeffler Institute on the Isle of Riems: Greifswald, Germany
Bio-Safety Level 4: Philipps University of Marburg: Marburg, Germany
Bio-Safety Level 4: Robert Koch Institute: Berlin, Germany

Italy
Bio-Safety Level 4: Azienda Ospedaliera Ospedale Luigi Sacco: Milano, Italy
Bio-Safety Level 4: Istituto Nazionale Malattie Infettive: Rome, Italy

India
Bio-Safety Level 4: All India Institute of Medical Sciences: New Delhi, India
Bio-Safety Level 4: Centre for Cellular and Molecular Biology Hyderabad, India
Bio-Safety Level 4: High Security Animal Disease Laboratory (HSADL) Bhopal, India

Japan
Bio-Safety Level 4: Institute of Physical and Chemical Research: Kantō, Tsukuba, Japan
Bio-Safety Level 4: National Institute for Infectious Diseases: Tokyo, Japan

Netherlands
Bio-Safety Level 4: Netherlands National Institute for Public Health and the Environment (RIVM): Bilthoven, Netherlands

Russia
Bio-Safety Level 4: State Research Center of Virology & Biotech VECTOR **(Smallpox)**: Novosibirsk Oblast, Koltsovo, Russia

Singapore
Bio-Safety Level 4: Defence Science Organization (DSO): Singapore **(Defence Science Organization goal is to conduct autopsies during a potential deadly epidemic outbreak. Singapore also has a mobile BSL-4 autopsy facility)**

Sweden
Bio-Safety Level 4: Swedish Institute for Communicable Disease Control: Solna, Sweden

Switzerland
Bio-Safety Level 4: High Containment Laboratory DDPS (SiLab): Spiez, Switzerland
Bio-Safety Level 4: Institute of Virology and Immunoprophylaxis (IVI): Mittelhäusern, Switzerland

United States
Bio-Safety Level 4: Centers for Disease Control and Prevention (CDC): Atlanta, Georgia, U.S. **(Smallpox)**
Bio-Safety Level 4: Division of Consolidated Laboratory Services: Richmond, Virginia, U.S.
Bio-Safety Level 4: Galveston National Laboratory, National Biocontainment Facility: Galveston, Texas, U.S.
Bio-Safety Level 4: Georgia State University: Atlanta, Georgia, U.S.
Bio-Safety Level 4: Kent State University, Kent Campus: Kent, Ohio, U.S. **(sister lab for bioterrorism event response)**
Bio-Safety Level 4: National Bio & Agro-Defense Facility (NBAF) **(DHS)**: Kansas State University, Manhattan, Kansas, U.S.
Bio-Safety Level 4: National Biodefense Analysis and Countermeasures Center (NBACC) **(DHS)** Fort Detrick, Maryland, U.S.
Bio-Safety Level 4: National Emerging Infectious Diseases Laboratory (NEIDL): Boston, Massachusetts, U.S.
Bio-Safety Level 4: National Institute of Allergy and Infectious Diseases (NIAID) Fort Detrick, Maryland, U.S.
Bio-Safety Level 4: National Institutes of Health (NIH): Bethesda, Maryland, U.S.
Bio-Safety Level 4: Rocky Mountain Laboratories: Hamilton, Montana, U.S.
Bio-Safety Level 4: Shope Laboratory (Only privately owned BSL 4 in U.S.): Galveston, Texas, U.S.
Bio-Safety Level 4: Tufts Cummings School of Veterinary Medicine United States of America: Grafton, Massachusetts, U.S.
Bio-Safety Level 4: US Army Medical Research Institute of Infectious Diseases (USAMRIID): Fort Detrick, Maryland, U.S.
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