

Steam Sterilization Plant (SSP)

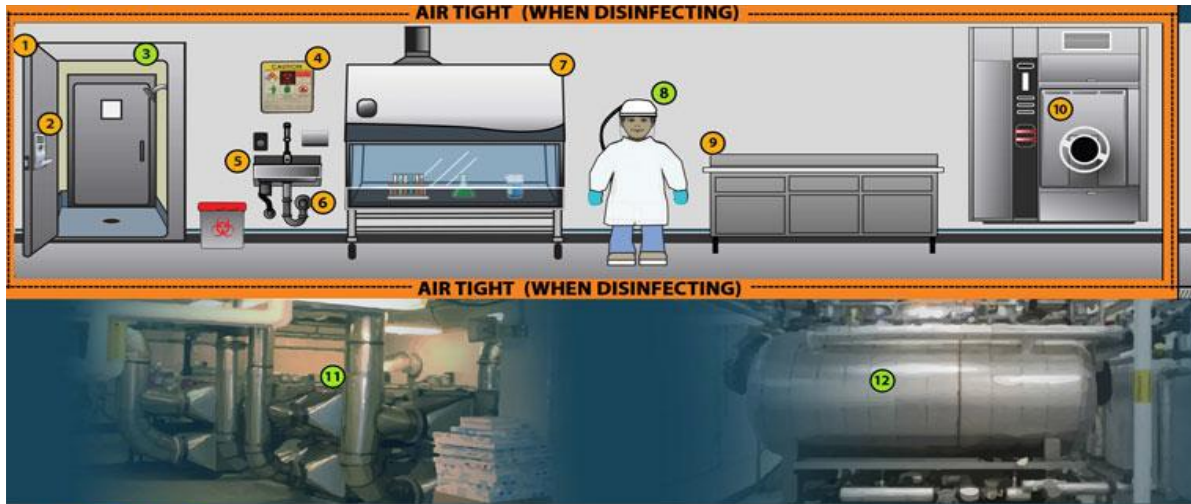
U.S. ARMY MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES
FORT DETRICK, MD

Biological Safety Levels (BSL):

BSLs are designations within a well-defined system established by the Centers for Disease Control (CDC) and National Institutes of Health (NIH) consisting of facilities, equipment, and procedural guidelines designed to minimize risk of exposure to potentially hazardous biological pathogens for laboratory workers and the outside environment.

BSL3 with Risk-Based Enhancements

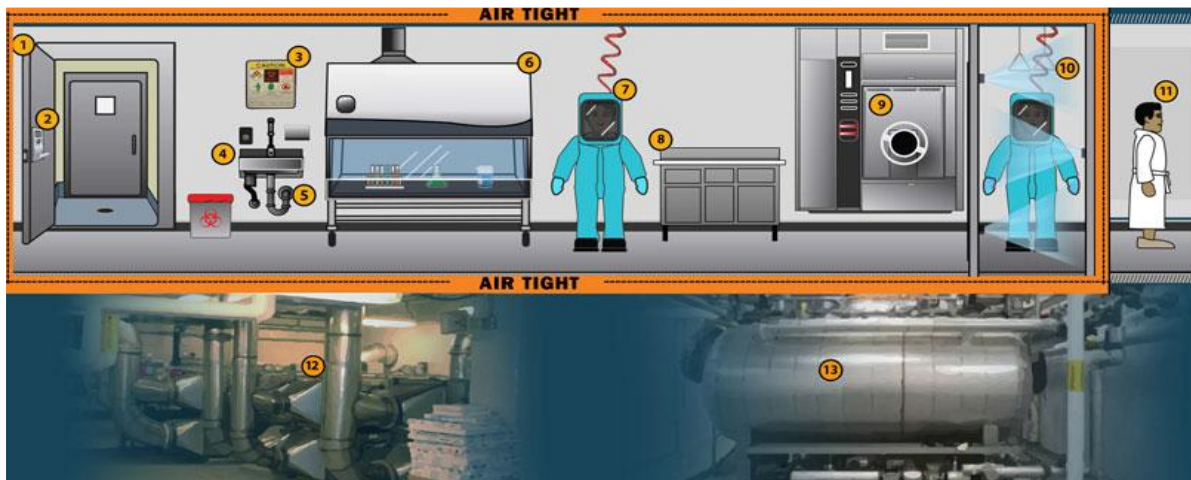
- 1 Self-closing, double-door access
- 2 Controlled access
- 3 Personal shower out
- 4 Sharp hazards warning policy
- 5 Hand washing sink
- 6 Sealed penetrations
- 7 Physical containment device
- 8 Powered air purifying respirator
- 9 Laboratory bench
- 10 Autoclave
- 11 Exhaust HEPA filter
- 12 Effluent decontamination system



REQUIRED SAFETY EQUIPMENT   RISK-BASED ENHANCEMENTS

BSL4

- 1 Self-closing, double-door access
- 2 Controlled access
- 3 Sharp hazards warning policy
- 4 Hand washing sink
- 5 Sealed penetrations
- 6 Physical containment device
- 7 Positive pressure protective suit
- 8 Laboratory bench
- 9 Autoclave
- 10 Chemical shower out
- 11 Personal shower out
- 12 Supply & exhaust HEPA filters
- 13 Effluent decontamination system



THE SSP PROVIDES DECONTAMINATION REDUNDANCY TO PROVIDE THE HIGHEST LEVEL OF SAFETY TO WORKERS AND THE PUBLIC.



FOR MORE INFORMATION, VISIT THE [PROJECT WEBSITE](#).

