



Environment, Health, & Safety
Training Program

EHS 702 ~ Aerosol Transmissible Diseases Briefing

Course Syllabus

Subject Category:	Biosafety	Course Prerequisite:	No
Course Length:	20 minutes	Medical Approval:	No
Delivery Mode:	Online		

Course Purpose: This briefing is for researchers who work with biological agents capable of causing aerosol transmissible diseases. After completing this course, researchers will be able to:

- Explain what an aerosol transmissible disease is
- Describe typical controls for protecting against aerosol transmissible disease transmission
- Identify typical laboratory procedures known to increase the risk of aerosolization
- Know that the WPC work activity authorization for an experiment is also that experiment's *biosafety plan*
- Provide feedback about the biosafety plan
- Recognize conditions that may indicate exposure
- Take appropriate action if exposure occurred or is suspected to have occurred

Course Content:

- Salmonella: An example of an Aerosol Transmissible Disease Pathogen
- Routes of Exposure
- Controls
- Lab procedures that increase the risk of aerosolization
- Intro to CalOSHA ATD/ATD-P regulations
- Authorization to perform biological research using ATD pathogens
- Your biosafety plan
- Providing feedback on your biosafety plan
- Recognizing if you may have been exposed
- Exposure response

Subject Matter Expert: EHSS Biosafety Officer

Training Compliance Requirements: This course meets training requirements and guidelines covered in LBNL ES&H ISM and training policies, the Biosafety Manual/Program, and the following biosafety-related standards:

- CalOSHA Title 8, Section 5199

Participant Evaluation: None

Written Exam: Online – the course includes interactive questions to check for comprehension.

Practical Exam: None

Retraining/Recertification: Annually

WEB Resource:

- EHSS Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>
- Biosafety Manual @ <http://www.lbl.gov/ehs/biosafety/manual/index.shtml>