Organized by TED TRAUM INSTITUTE A Training Entity of WORLD BioHazTec



Advanced BSL-3 Biosafety and Biosecurity Training

Technical Principles and Practical Application



DATE
24 - 26 November 2026

VENUE
Mercure Bangkok Sukhumvit 24
Bangkok, Thailand

TRAINING FEE
USD 3,000 per participant
Includes training materials, refreshments, and lunchs during training

An advanced in-person course designed to strengthen technical understanding and practical readiness for personnel involved in BSL-3 operations, oversight, engineering support, and facility management.

Course Highlights

- 2.5-day in-person program
- 2 days of lectures and practical sessions
- Half-day visit to an operating BSL-3 facility
- Training materials and certificate of completion included

Who Should Attend

- Biosafety Officers
- Engineering personnel
- Facility / operational staff
- Laboratory leadership and oversight personnel

Key Learning Areas

- Biorisk management and risk assessment
- Administrative controls and SOPs
- PPE selection and use
- Emergency response and spill management
- Engineering controls and facility performance

Learning Format

- Lecture-based teaching
- Facilitated discussion
- Practical exercises
- Facility observation and experience sharing

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For training enquiries, please contact
Training@trauminstitute.org

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Course Agenda Advanced BSL-3 Biosafety and Biosecurity Training

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1

Day 1

9:00 - 17:00

Biosafety, Biosecurity & Operational Practices

- Biorisk management and risk assessment
- Administrative controls and SOPs
- PPE selection, donning and doffing
- Practical exercises and discussion

2

Day 2

9:00 - 17:00

Emergency Response, Engineering & Troubleshooting

**An individual assessment will be conducted as part of the training.*

- Emergency response and spill management
- Engineering controls and facility design
- Facility performance and certification principles
- Preliminary troubleshooting and discussion

3

Day 3

9:00 - 12:00

Half-Day BSL-3 Facility Visit

- Facility introduction and technical walkthrough
- BMS, control systems and engineering support areas
- Discussion with facility management team
- Operational insights and lessons learned

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