

Operationalizing Safety: Risk Management in Containment Design

Sandy Ellis, Rachel Gamble, Gilles Tremblay – Pond & Co

This half-day interactive workshop is designed for managers and users of high containment facilities, focusing on the operational and biorisk management challenges inherent to such environments.

High containment facilities necessitate stringent biosafety and biosecurity measures, encompassing rigorous physical and procedural protocols, specialized equipment, and comprehensive personnel training to effectively mitigate risks. These facilities encounter substantial operational challenges, including adherence to complex regulatory frameworks, the implementation of effective emergency response strategies, and the provision of specialized training. Due to the potential for severe consequences arising from even minor breaches, meticulous risk assessment and safety management are paramount. Furthermore, these assessments significantly contribute to the overall complexity of facility design and operation. The process involves identifying hazards, evaluating associated risks, and implementing appropriate controls to ensure the protection of personnel, the environment, and public health.

Objectives:

- Risk assessment and Management
- Operational Challenges and Shared Experience
- International Differences
- Risk Assessment Techniques
- Team and Culture