



Pathogen Safety Data Guide Training Module

Module	Content*	Time
Section I: Introduction and Background <i>(PPT, small group discussion)</i>	<p>Learning objectives. Upon taking this course, participants will:</p> <ol style="list-style-type: none"> 1. Be able to access and use existing resources for pathogen safety data. 2. Explain or look up key terminology used in pathogen safety data resources. 3. Use existing pathogen safety data resources for development of infectious disease occupational exposure control plans. <ul style="list-style-type: none"> • Intended audience: Workers and employers in industries with potential exposure to infectious diseases • Background, Training tools, Electronic Formats and Glossary, Use of the Guide and Training Module <p><i>Activity 1: Introductions: who is here, type of infectious disease hazards on-the-job, prior experience with infectious disease hazards</i></p>	40 minutes
Section II: Pathogen Safety Data and Occupational Hazards and Risks <i>(PPT, small group method with worksheet)</i>	<ul style="list-style-type: none"> • Use of PSD • Problems with existing PSDs • Define Occupational Exposure • Key Elements of an Occupational Infectious Diseases Exposure Control Plan • Define Risk Assessment • Hazard Control Process • Means of Transmission <p><i>Activity 2: Match the terms with the definitions using the worksheet and glossary</i></p>	30 minutes
Section III: Existing Sources of Pathogen Safety Data (PSD) <i>(PPT, small group method with worksheet, large group discussion)</i>	<ul style="list-style-type: none"> • Review the summaries and visit some of the websites. • Discuss strengths and weaknesses of each PSD resource. • Review OSHA requirements • Download apps <p><i>Activity 3: Characterizing infectious diseases exercise</i></p>	80 minutes
Section IV: Occupational Exposure Risk Assessment for Infectious Diseases <i>(PPT, small group method with worksheet, large group discussion)</i>	<ul style="list-style-type: none"> • Occupational Exposure Assessment Considerations • Key Considerations • Characteristics • Methods of hazard assessment • Where, when and how? • Risk Levels 	60 minutes
Section V: Infection Prevention and Control: Best Practice Example and Additional Resources	<ul style="list-style-type: none"> • Best practice example 	
Section VI: Selection of Control Measures <i>(small group exercise, evaluation forms)</i>	<ul style="list-style-type: none"> • Key considerations • Hierarchy of controls • Examples of controls • Personal Protective Equipment • Selection of respiratory protection • The Biosafety in Microbiological and Biomedical Laboratories (BMBL) <p><i>Activity 4: Exposure Risk Assessment and Control Exercise</i></p> <p><i>Activity 5: Brainstorm how to use the PSD Guide to improve or initiate programs?</i></p> <ul style="list-style-type: none"> • Conclusion, evaluations, questions and answers 	30 minutes

* Items in red are potential participative exercises or group activities