

Biodefense BSL-3 Competency Assessment

Competency assesment of _____

Employee: Signature: _____ Date: _____

Evaluated by: Signature: _____ Date: _____

Director Review: Signature: _____ Date: _____

Specimen ID (Mock or BT#) _____ Date _____

Competent for work in the BDL BSL-3?

Processor: Yes / No Facilitator: Yes / No More training required _____

Criteria	Acceptable	Unacceptable	N/A	Comments
Specimen Receipt				
•Crash Cart				
•Chain of Custody				
•Geiger Counter				
•CAM Detector				
•Assignment of BDL BT ID				
BSL-3 Entry & Exit				
•PPE				
•Dressing				
•Removal				
•PAPR Testing				
•Entry/Exit Log				
•PAPR Log				
BSL-3 Maintenance				
•Temperature Monitoring				
•CO ₂ Monitoring				
• Reagent Preparation				
• BSC				
• BSC Functionality Checks				
• BSC Setup				
• BSC Cleaning				
• Assignment of Specimen Item #				
• Pass-through Autoclave				
• Loading/Unloading				
• Spores				
• Thermalogs				
• Run records				
• Sterilization Autoclave				
• Item Packaging				
• Run records				
• Sterility assurance				
• Environmental Monitoring				
Specimen Processing & Facilitating				
• Opening				
• Swabs				
• Culture requirements				
• Heat Shock, Non-Heat Shock, Environmental				
• SBAP, Chocolate, TSB Broth				
• Item Sheet				
• Digital Camera & file transfer				

Criteria	Acceptable	Unacceptable	N/A	Comments
Specimen Results & Maintenance				
• Colony Morphology				
• Additional testing				
• Gamma phage				
• Gram Stain				
• Motility				
• DFA				
• TetraCore				
• Culture results				
• Preliminary results @ 24 hours				
• Final results @ 48 hours				
• Keep plates for 10-14 days				
• TSB vial frozen in 50% Glycerol @ 48 hours				
Specimen PCR				
• Sample Preparation				
• Germination & Extraction				
• Heat Lysis				
• Mastermix & Plate Setup				
• Clean room mastermix reagents				
• Sample addition areas (BSL-2 & BSL-3)				
• Positive control addition				
• Platform Setup				
• Smartcycler				
• ABI 7000				
• Interpretation of Results				
• Smartcycler				
• ABI 7000				
CLIMS				
• Accessioning				
• Result Entry				
• Final Report				
Specimen Transfer & Destruction				
• Release/Destruction request forms				
• Specimen transfer logs				
ELAP & CLEP Duties	**To be done on an annual basis**			
• Review of SOPs & Manuals				
• Select Agent Paperwork				
• Ethics Training				
• Security Training				
Safety	**To be done on an annual basis**			
• Spills				
• Fire extinguisher training				
• Injuries				
• Emergency exit from BSL-3				
• Accident reporting				