LABORATORY TECHNICIAN-MICROBIOLOGY
JOB HAZARD ASSESSMENT

Job Hazard	Hazard Control
Trip or fall hazards	Walking/working surfaces training for working around uneven, wet and slippery surfaces (includes warning to others of slippery surfaces); use cord cover and keep out of traffic areas
Cuts, crush, pinch, etc. during operation and/or maintenance of equipment	Keep protective guards in place; disconnect from power source before servicing; use lockout-tagout; use PPE; keep away from power lines
Periodic lifting/climbing/bending/stooping	Use proper lifting techniques; Ergonomic training; use dolly/cart
Exposure to hazardous and carcinogenic chemicals	Wear PPE (gloves, respirators, safety glasses, etc.) as appropriate; refer to MSDS; report spills immediately; practice universal precautions; prohibit eating & drinking in work areas; use fume hood whenever necessary; ensure fume hood is working properly; keep small quantities of keep chemicals to limits size of spills; eliminate use carcinogenic materials as much as possible; limit exposure to know substances and use protective coverings; have absorbent materials handy in case of spills; refer to materials safety data sheet.
Cuts/punctures from sharp instruments	Use caution and proper techniques; sterilize equipments; use sharps containers
Exposure to viral, fungal and bacterial contamination	Use universal precautions; use CPR mask/gloves; proper disposal of contaminated Materials; practice proper destruction by sterilization; use disposable dishes and test tubes
Fire and Emergency response	Training would include: fire extinguisher use, phone communication, first aid
Nocuous fumes from stain procedures requiring heat	Well-ventilated rooms if not practical to do under hood. Proper sanitation and sterilization techniques
Potential electrical shock	Avoid working around electrical equipment or outlets; ensure insulation on electrical cord

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Contact with bloodborne pathogens	is unbroken Offer vaccination for Hepa B; use universal precautions; don't use any fluids that aren't prepared by a biological supply company.

Recommended Training	Recommended PPE
• IIPP	• Gloves
• Fire/Emergency Response	• Safety glasses
• Bloodborne Pathogens	• Protective clothing
• Hazard Communication	• Respirators
• CPR	
• Back Safety	
• Chemical Hygiene	
• Lockout Tagout	
• Formaldehyde	
• Respiratory Protection	

Safety Equipments @ work area (s)	
☒ Emergency Eyewash/Shower	☒ Fire extinguishers
☒ First Aid kits	☒ Spill kit
☐ AED accessible	☒ Lab Fume Hood
☒ MSDS station	☐ Lockout tagout station