LABORATORY TECHNICIAN-
ART
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 out of traffic areas
Skin burns, allergies and irritations from chemical substances. Inhalation of fumes, particulates and vapors. Danger of burns from fire; exposure to hazardous waste	Refer to materials safety data sheet; wear proper personal protection when necessary; make sure area is well-ventilated; use containment and absorbent if spilled; use proper gloves, mask; dispose in proper containers; use non-toxic substances when possible.
Periodic lifting/climbing/bending/stooping	Use proper lifting techniques; Ergonomic training; use dolly/cart
Potential electrical shock	Avoid working around electrical equipment or outlets; ensure insulation on electrical cord is unbroken; ensure all equipments are grounded
Elevated noise level	Use ear protection; erect enclosures around machines; practice timely and regular maintenance; add material to reduce vibration (damping)
Fire and Emergency response	Training would include: fire extinguisher use, phone communication, first aid
Cuts, crush, pinch, etc. during operation and/or maintenance of powered equipment (electrical, pneumatic, hydraulic, etc)	Keep protective guards in place; disconnect from power source before servicing; use lockout-tagout; use PPE; keep away from power lines
Falls from ladders	Select proper ladder; maintain 4:1 slope ratio with straight ladders; seek assistance in dangerous and high traffic areas; don't carry tools while climbing; extend 36" if climbing over roof; do not use: top step of stepladder and top 3 rungs of straight ladder;
Cuts/punctures from sharp instruments	Use caution and proper techniques; sterilize equipments; use sharps containers

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Burns and other injuries from firing kiln	Keep a fire extinguisher on site; Post sign "Caution--Hot." Use gloves and mask to remove items from kiln; wear proper eye, hand and body protection; provide proper ventilation

Recommended Training	Recommended PPE
• IIPP	• Gloves
• Fire/Emergency Response	• Safety glasses
• Fall Protection	• Ear protection
• Hazard Communication	• Respirator
• Hand and Power Tools	• Protective clothing
• Lockout-Tagout	
• Back Safety	
• Respiratory Protection	
• Hearing Conservation	
• Utility Cart	

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