








SCIENCE DEPARTMENT REQUIRED PERSONAL PROTECTIVE EQUIPMENT

Activity	 Chemical Goggles *	 Safety Glasses *	 Nitrile Gloves	 Latex Gloves	 Long Sleeve Thermal Oven Mitts	 Buttoned Lab Coat	 Fume Hood	Other
Working with live bacteria cultures	X	X		X		X		
Operating autoclave	X	X			X			
Working with organic chemicals	X	X	X				X	Appropriate street clothing that covers legs and feet.
Working with flames such as Bunsen burners	X	X						
Working with concentrated acids and bases	X	X	X				X	Appropriate street clothing that covers legs and feet.
Working with inorganic liquids or solids	X	X	X				X	
Washing glassware	X	X		X				
Lifting and moving heavy lab equipment and deliveries.								None. Safety training covering methods for lifting heavy objects is a required part of staff training via online modules
Working with water sources such as water still or equipment that contains water.								Clean up spills immediately and use "wet floor" warning signs

Handling, transport and storage of chemicals.	X	X	X				X	Use appropriate carriers for glass bottles. Follow all procedures specified in the chemical hygiene plan.
Working with compressed gas cylinders	X	X						Follow all procedures specified in the chemical hygiene plan.
Working with glass	X	X	X					Use nitrile gloves if risk of breakage is significant.
Working with explosive materials							X	Faceshield when not possible to work under fume hood.
Responding to chemical spills of 250 ml or less	X	X	X					Follow all procedures specified in chemical hygiene plan.
Responding to first aid incidents involving body fluids or infectious materials.	X	X		X				Follow all procedures specified in chemical hygiene plan.
* ANSIZ87.1-2003 approved eye protection								