College of Engineering Lab Hazard Assessment			
Activity	Yes	No	Comments
Working with gas under pressure, in gas cylinders or as part of experimental conditions	x		Air compressor to dry packing material
Working with water volume in excess of 1 gallon	x		Task states 20L of orthophosphate water solution
Working with corrosive Liquids		x	
Working with organic solvents or flammable chemicals		x	
Working with acutely toxic , carcinogenic or highly hazardous chemicals	x		Phosphoric Acid (to prepare solution, won't use at competition)
Working with air or water reactive chemicals		x	
Working with engineered nanomaterials such as carbon nanotubes, silver wire, carbon fiber etc. or other dusts with particle sizes <10 um		x	
Working with potentially explosive chemicals		x	
Working with temperaturs <0C or >100C		x	
Working with radioactive compounds		x	
Working with Class 3 or Class 4 Lasers		x	
Working with cryogenic materials including dry ice		x	
Working with liquids >100C including from sources such as oil bath, water bath, pressure vessel, autoclave etc.)		x	
Working with open flames		x	
Working with loud equipment (>85 db)		x	
Working with a centrifuge		x	
Working with a sonicator		x	
Working with sharp objects such as needles, knives, razor blades etc.		x	
Working with machine hazards such as pinch points, caught by or stuck by dangers etc.		x	
Working with electrical hazards such as un-insulated wiring, exposed control panels, wet conditions, etc.	x		Possibility of leaking from column or tubing and dripping on pump machinery
Working with electrical voltage in excess of 110V		x	
Working with batteries, all types such as lead-acid, nickel-cadmium, lithium etc.		x	
Working with high center of gravity hazards such as tall apparatus that requires extra support etc.		x	