College of Engineering Lab Hazard Assessment			
Activity	Yes	No	Comments
Working with gas under pressure, in gas cylinders or as part of experimental conditions		No	
Working with water volume in excess of 1 gallon	Yes		The outer vessel refrigerant exceeds 1 gallon.
Working with corrosive Liquids		No	
Working with organic solvents or flammable chemicals		No	
Working with acutely toxic , carcinogenic or highly hazardous chemicals		No	
Working with air or water reactive chemicals			
Working with engineered nanomaterials such as carbon nanotubes, silver wire, carbon fiber etc. or other dusts with particle sizes <10 um		No	
Working with potentially explosive chemicals		No	
Working with temperaturs <0C or >100C	Yes		The refrigerant may reach -7 degrees Celsius.
Working with radioactive compounds		No	
Working with Class 3 or Class 4 Lasers		No	
Working with cryogenic materials including dry ice		No	
Working with liquids >100C including from sources such as oil bath, water bath, pressure vessel, autoclave etc.)		No	
Working with open flames		No	
Working with loud equipment (>85 db)		No	
Working with a centrifuge		No	
Working with a sonicator		No	
Working with sharp objects such as needles, knives, razor blades etc.	Yes		The weighted bucket is attached with sharp metal bands.
Working with machine hazards such as pinch points, caught by or stuck by dangers etc.	Yes		The inner agitator is heavy and poses a pinch point.
Working with electrical hazards such as un-insulated wiring, exposed control panels, wet conditions, etc.	Yes		There are multiple electrical powered equipment in near proximity.
Working with electrical voltage in excess of 110V		No	
Working with batteries, all types such as lead-acid, nickel-cadmium, lithium etc.		No	
Working with high center of gravity hazards such as tall apparatus that requires extra support etc.		No	