| College of Engineering Lab Hazard Assessment | | | |
|---|---|---|---|
| Activity | Yes | No | Comments |
| Working with gas under pressure, in gas cylinders or as part of experimental conditions | | ✓ | |
| Working with water volume in excess of 1 gallon | ✓ | | Will be provided by NMSU |
| Working with corrosive Liquids | | ✓ | |
| Working with organic solvents or flammable chemicals | | ✓ | |
| Working with acutely toxic , carcinogenic or highly hazardous chemicals | | ✓ | |
| 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 | | ✓ | |
| Working with potentially explosive chemicals | | ✓ | |
| Working with temperaturs <0C or >100C | | ✓ | |
| Working with radioactive compounds | | ✓ | |
| Working with Class 3 or Class 4 Lasers | | ✓ | |
| Working with cryogenic materials including dry ice | | ✓ | |
| Working with liquids >100C including from sources such as oil bath, water bath, pressure vessel, autoclave etc.) | | ✓ | |
| Working with open flames | | ✓ | |
| Working with loud equipment (>85 db) | | ✓ | |
| Working with a centrifuge | | ✓ | |
| Working with a sonicator | | ✓ | |
| Working with sharp objects such as needles, knives, razor blades etc. | | ✓ | |
| Working with machine hazards such as pinch points, caught by or stuck by dangers etc. | | ✓ | |
| Working with electrical hazards such as un-insulated wiring, exposed control panels, wet conditions, etc. | ✓ | | We are pumping 5 gal water, there should be no leaks |
| Working with electrical voltage in excess of 110V | | ✓ | |
| Working with batteries, all types such as lead-acid, nickel-cadmium, lithium etc. | | ✓ | |
| Working with high center of gravity hazards such as tall apparatus that requires extra support etc. | | ✓ | |