

A FEW PRESSURE SAFETY NOTES

Pressure relief valves (PRV) must have their relief pressures set by the factory (stamped on the PRV) or set by LBNL'S Regulator Shop (contact Jimmy Abenojar x7669, bldg 76, room 202). Do not set them yourself.

Hydraulic pressure systems that use water (as opposed to oil): use degassed water to reduce potential for stored energy release, and improve system response. Systems with pressures > 1500 psi require that the appropriate pressure rating of all components be documented, either via an "Activity Hazard Document" (AHD), an Engineering Note, or manufacturer's certification (stamp). If you have plumbed a system into a pressure-certified vessel, you need to document that the plumbing components have the required pressure rating via an AHD.

Hydraulic pressure systems that use oil have less potential than water for stored energy release so the pressure limit for documentation of pressure rating is 5000 psi.