

Beamline Hazard Analysis - Beamline U9B

LS-BHA-U9B

Revision: 02

Effective: 9/28/11

Page 1 of 1

The following tasks are included in the beamline safety review. Any operations not listed here, or performed by others than those listed, need additional review by ES&H personnel and/or beamline personnel.

Prepared By: J. Trunk/ S. Janjua

Approved By: Lori Stiegler

Tasks / Equipment	Performed by:		Controls
	Beamline Staff	Users	
Inert compressed gas	Y	N	<ul style="list-style-type: none"> Compressed gas training – TQ-COMPGAS1 or NSLS User training Transport cylinders using a cylinder cart Properly secure cylinders Wear safety glasses with side shields while connecting lines Leak check gas lines
Pouring cryogenics \leq 5L	Y	Y	<ul style="list-style-type: none"> Use goggles Long pants and sleeves - avoid clothing which can trap cryogenics (pockets, cuffs) Cryogen or heavy gloves Enclosed shoes Never pour from above chest level
Ergonomics concerns – moving/lifting	Y	N	<ul style="list-style-type: none"> Be aware of body posture, Ask for help in moving or lifting
Ergonomics concerns – awkward postures	Y	N	<ul style="list-style-type: none"> Be aware of body posture Take frequent breaks
Cutting/razor blades	Y	Y	<ul style="list-style-type: none"> Be aware of hand positioning Use safety knife when possible Consider using cut resistant gloves for frequent cutting tasks