

Beamline Hazard Analysis - Beamline X28C

LS-BHA-X28C

Revision: 02

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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: S. Gupta, J. Bohon

Approved By: Lori Stiegler

* Approval signatures on file with master copy

Tasks / Equipment	Performed by:		Controls
	Beamline Staff	Users	
Solvents	Y	Y	<ul style="list-style-type: none"> • Limit quantities at beamline to < 250 ml • Use PPE - safety glasses, nitrile gloves
Manipulating cryogenic samples – in dry ice	Y	Y	<ul style="list-style-type: none"> • Long pants • Impervious disposable gloves over cotton liners • Enclosed shoes • Use tongs or tools whenever possible
Ergonomics concerns – moving/lifting – accessing storage cabinets	Y	Y	<ul style="list-style-type: none"> • Be aware of body posture, • Ask for help in moving or lifting
Using GN2 from blowoff	N	Y	<ul style="list-style-type: none"> • Ensure hutch ventilation system is operating
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