

Beamline Hazard Analysis - Beamline X11A

LS-BHA-X11A

Revision: 02

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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.

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| Tasks / Equipment | Performed by: | | Controls |
|--|----------------|-------|--|
| | Beamline Staff | Users | |
| Inert compressed gas | Y | Y | <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 |
| Using the LN2 Fill Station or pressurized transfer | Y | Y | <ul style="list-style-type: none"> LS-PROC-LN2FILL-MANL training for fill station Use full face shield along with goggles or safety glasses Long pants and sleeves - avoid clothing which can trap cryogenics (pockets, cuffs) Cryogen or heavy gloves Enclosed shoes |
| 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 |