

X-RAY SCIENCE DIVISION

431/E030 Facility Hazard Analysis

The purpose of this form is to serve as a summary of facility characteristics, recognized hazards, implemented hazard controls, pertinent sources of information, and incident reporting contacts.

Scope of work conducted in this facility: Beamline sample preparation, equipment set-up, testing.

Hazardous materials/equipment associated with this facility:

High Voltage Supplies	Cryogenic liquids	Portable power tools
Compressed gases	Acids	Organic Solvents

Hazards associated with this facility:

Electrical	Chemical	Cryogenic
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Hazard controls implemented within this facility :

Engineered Controls

Chemical fume hood
GFCI outlets
Safety Shower
Eyewash Station

Procedural Controls

SWAA
Flammable storage cabinet
Acid Storage cabinet

PPE

Safety Glasses/goggles
Gloves

Relevant ESH manual chapters that may be associated with this facility:

- 1) Ch. 4.3 Laboratory and Chemical Safety
- 2) Ch. 7.12 Safe Use of Tools
- 3) Ch. 9.1 Electrical Safety

Pertinent safety training courses that may be associated with this facility:

- 1) ESH115 Laboratory Hazard Communication Training
- 2) ESH141 Portable Hand & Power Tool Safety
- 3) ESH371 Electrical Safety Training – General
- 4) DIV816 Hazard Specific Training - Compressed Gas
- 5) ESH119 Pressure Safety Orientation

Note: This is not intended to be an all-inclusive list of training that is required to work within this facility. The authoritative record of required training is depicted by the individual's JHQ.

Incident reporting contacts :

****Dial 911 in an emergency****

Lab Safety Captain:	Mike McDowell	Extension: 6422
Group Leader:	Daniel Haskel	Extension: 7758
ES&H Coordinator:	Paul Rossi	Extension: 4192

Facility hazard analysis completed by: _____
Lab Safety Captain or designee _____ Date _____

Reviewed and approved by:

_____	_____
ES&H Coordinator	Date
_____	_____
Line Management	Date

This hazard analysis must be reviewed and updated accordingly on an annual basis or whenever conditions change. Once approved, this hazard analysis must then be posted in a conspicuous space within the facility.