

X-RAY SCIENCE DIVISION

432/D030 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: Sample preparation for beamline experiments; equipment setup

Hazardous materials/equipment associated with this facility:

Organic Solvents	Beryllium	Lithium
Compressed Gas	Hydrogen Peroxide	Vacuum Sample Oven

Hazards associated with this facility:

Chemical Exposure	Electrical	Alkali Metals
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Hazard controls implemented within this facility :

Engineered Controls

Shower/Eyewash Station
Chemical Fume Hood
Flammable Storage Cabinet
GFCI Outlets

Procedural Controls

Satellite Accumulation Area

PPE

Safety Glasses
Gloves
Lab Coats

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: General Electrical Safety
- 4) Ch. 13.1: Pressure Systems Safety
- 5) Ch. 4.6: Beryllium
- 6) Ch. 4.7: Alkali Metal Safety
- 7) Ch. 7.2 Emergency Eyewashes and Safety Showers

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

- 1) APS207: Sector specific orientation
- 2) Standard APS training courses for users

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:	Donald Walko	Extension: 2-0271
Group Leader:	Alec Sandy	Extension: 2-0281
ES&H Coordinator:	Paul Rossi	Extension: 2-4192

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.