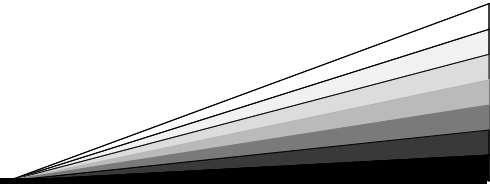


# X-RAY SCIENCE DIVISION

432/E020

## 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:** Assembly and testing of beamline equipment; small jobs with power tools to adapt pieces for the current experiments at the beamline; custom cable assembly

**Hazardous materials/equipment associated with this facility:**

Power tools	Cleaning solvents	Lubricants
Glues		

**Hazards associated with this facility:**

Electrical	Chemical	Laser
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**Hazard controls implemented within this facility:**

**Engineered Controls**

Flammable storage cabinet

**Procedural Controls**

ANL Laser Operating Permit

**PPE**

Laser safety goggles

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

- 1) Ch. 4.3 Laboratory and Chemical safety
- 2) Ch. 9.1 Electrical safety
- 3) Ch. 6.2 Laser safety

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

- 1) APS201: 8ID sector specific orientation
- 2) Standard APS training courses for users
- 3) ESH120 - Laser Safety Training

*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:	Ray Ziegler:	Extension: 2-5527
TRR 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

\_\_\_\_\_ Date  
Line Management

*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.*