

# X-RAY SCIENCE DIVISION

## 438/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:** sample preparations for current experiments at the beam line; equipment setup

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

Compressed Gas	Organic Solvents	Carcinogens
Autoclave	UV Light	Cryogenics
Vacuum Equipment	Corrosives	Bio-hazardous Materials RG-2

**Hazards associated with this facility:**

Electrical	Chemical	Cryogenic
High Temperature	Pressure	Biological

**Hazard controls implemented within this facility :**

**Engineered Controls**

Chemical fume hood  
GFCI outlets  
Safety Shower  
Eye-Wash

**Procedural Controls**

SWAA  
Flammable Storage Cabinet  
Corrosives Storage Cabinet  
Broken Glass Disposal  
Sharps Disposal

**PPE**

Safety Glasses/goggles  
Face Shields  
Lab Coats  
Smock  
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) BIO200 Biosafety Training for Laboratory Researchers
- 3) ESH371 Electrical Safety Training – General
- 4) DIV816 Hazard Specific Training - Compressed Gas
- 5) ESH536RES Bloodborne Pathogens Training for Researchers

*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:	Evan Maxey	x 2-1986
Group Leader:	Stefan Vogt	x 2-5488
ES&H Coordinator:	Paul Rossi	x 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 whenever conditions change. Once approved, this hazard analysis must then be posted in a conspicuous space within the facility.*