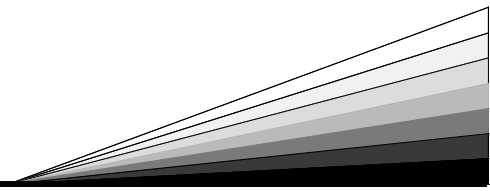


# X-RAY SCIENCE DIVISION

## 433/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	Acids
Vacuum Equipment		Cryogenics

**Hazards associated with this facility:**

Electrical	Chemical	Cryogenic
High Temperature		

**Hazard controls implemented within this facility :**

**Engineered Controls**

Chemical fume hood  
GFCI outlets  
Safety Shower

**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) ESH141 Portable Hand & Power Tool Safety
- 3) ESH371 Electrical Safety Training – General
- 4) DIV816 Hazard Specific Training - Compressed Gas

*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:	Janae Ernst	x 2-7415
Group Leader:	Randy Winans	x 2-7479
ES&H Coordinator:	Paul Rossi	x 2-4192

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

Reviewed and approved by: \_\_\_\_\_ Date \_\_\_\_\_  
ES&H Coordinator

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

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