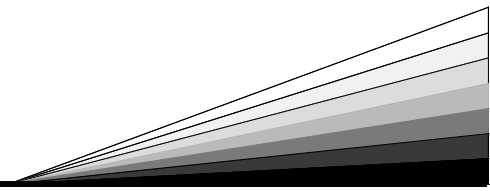


# X-RAY SCIENCE DIVISION

## 438/B030 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

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

Compressed Gas	Organic Solvents	Mechanical Oven 40c – 300c
	Vacuum Equipment	Hot plates

**Hazards associated with this facility:**

Electrical	Chemical	Pressure
High Temperature		

**Hazard controls implemented within this facility:**

**Engineered Controls**

Chemical fume hood  
GFCI outlets  
Safety Shower  
Chemical use restricted area by curtain

**Procedural Controls**

Chemical Storage Cabinet  
Broken Glass Disposal  
Sharps Disposal

**PPE**

Safety Glasses/goggles  
Face Shields  
Lab Coats  
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) ESH371 Electrical Safety Training – General
- 3) DIV816 Hazard Specific Training - Compressed Gas
- 4) ESH119 Pressure Safety Orientation
- 5) ESH574 Chemical Waste Generator

*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:	Alex Deriy	Extension: 2-7681
Group Leader:	Francesco De Carlo	Extension: 2-0148
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 whenever conditions change. Once approved, this hazard analysis must then be posted in a conspicuous space within the facility.*