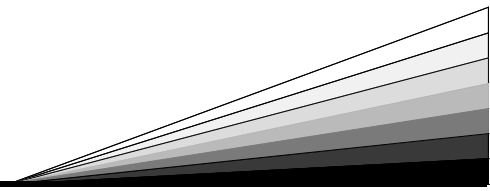


X-RAY SCIENCE DIVISION

401/L3120 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: High temperature laser heating, Laser drilling

Hazardous materials/equipment associated with this facility:
None

Hazards associated with this facility:

Laser Radiation (Class 1, Class 3, Class 4) Cryogenics Electrical

Hazard controls implemented within this facility:

Engineered Controls

Laser Interlock
Laser curtains

Procedural Controls

Laser operation procedure

PPE

Laser Goggles
Face Shield
Cryogenic gloves

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

- 1) **Ch. 6.2 – Laser Safety**

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

- 1) **ESH120: Laser Safety**
- 2) **ESH195: Personal Protective Equipment**
- 3) **ESH401: Building Orientation**

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:	Lin Wang	Extension: 2-6763
Line Manager:	Wenge Yang	Extension: 2-0487
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.