

X-RAY SCIENCE DIVISION

401/L0125 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: Development, testing, and characterization of x-ray detectors.

Hazardous materials/equipment associated with this facility:

Radiation Generating Device	Lasers	Electronic equipment
Radioactive Sources	Power supplies	UV lamps

Hazards associated with this facility:

High voltage (typically enclosed)	X-ray radiation	Laser radiation
Radioactive materials	UV light	

Hazard controls implemented within this facility:

Engineered Controls	Procedural Controls	PPE
Interlock systems	Posted operating procedures	Dosimetry
		Laser safety eyewear

Relevant Safety and Health processes that may be associated with this facility:

- 1) Safe Use of Hand Tools and Portable Power Tools - LMS-PROC-153
- 2) Electrical Safety Program - General Electrical Safety - ESH-9.1
- 3) Control of Radiation-Generating Devices - LMS-PROC-109
- 4) Laser Safety - LMS-PROC-285

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

- 1) ESH 120: Laser Safety
- 2) ESH700: Radiological Worker Training Level 1
- 3) ESH705: Analytical X-ray Safety
- 4) ESH713: Radiological Worker for X-Ray Users

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:	Rebecca Bradford	2-1683
Group Leader:	Nino Miceli	2-8827
ES&H Coordinator:	Paul Rossi	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.