

X-RAY SCIENCE DIVISION

401/L0111 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: X-ray diffractometry

Hazardous materials/equipment associated with this facility:
Analytical X-Ray Generator

Hazards associated with this facility:
X-Ray Exposure

Hazard controls implemented within this facility:

Engineered Controls	Procedural Controls	PPE
Interlocked X-Ray Enclosure	Rigaku procedure	
Backscatter monitor	Spellman procedure	

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

- 1) Control of Radiation-Generating Devices – LMS-PROC-109

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

- 1) ESH 705: Analytical X-Ray Device Safety
- 2) ESH 713: 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:	XianRong Huang	2-3593
Group Leader:	Lahsen Assoufid	2-2774
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.