X-RAY SCIENCE DIVISION

362/F002 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: Perform standard shop fabrication and small equipment repairs

Hazardous materials/equipment associated with this facility:

Machine tools	Electrically-powered portable tools	Propane torch
RF vinyl sealer	Organic solvents	Electrical soldering supplies
Spot welder		

Hazards associated with this facility:

Rotating Machinery	Pinch Points	Chemical Exposures
Cutting Tools	Open Flame	RF Fields

Hazard controls implemented within this facility:

Engineered Controls	**Procedural Controls**	**PPE**
Machine Guarding	ANL Open Flame Permit	Safety Glasses
Machine Tool Emergency Stops		Gloves
Anti-restart Devices		

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

1) Ch. 4.1 – Hazard Communication
2) Ch. 7.12 – Safe Use of Tools
3) Ch. 7.15 – General Requirement for all Machines
4) Ch. 9.1 – Electrical Safety
5) Ch. 11.3 – Flammable and Combustible Liquids

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

1) ESH115: Laboratory Hazard Communication Training
2) ESH195: Personal Protective Equipment
3) ESH371: Electrical Safety Training - General
4) Orientation in the use of equipment conducted by an authorized user

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:	Joe Arko	2-7546
Group Leader:	Francesco De Carlo	2-0148
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.