X-RAY SCIENCE DIVISION

400/COF-2 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: Cutting and dicing of Germanium/Silicon Crystals, Removal of metal films from substrates

Hazardous materials/equipment associated with this facility: Organic Solvents Flammable Liquids

Hazards associated with this facility:

Rotating Machinery Noise exposure Hot Surfaces

Hazard controls implemented within this facility:

Engineered Controls Procedural Controls PPE

Local Exhaust Ventilation Removal of metal Films from Substrate Safety Glasses

Meyer/Burger Cleaning Procedure

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

- 1) Ch. 4.1 Hazard Communication
- 2) Ch. 4.3 Laboratory and Chemical Safety
- 3) Ch. 7.15 General Requirement for all Machines
- 4) Ch. 11.3 Flammable and Combustible Liquids

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

- 1) ESH 115: Laboratory Hazard Communication Training
- 2) 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:	Micheal Wieczorek	2-6794	
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
	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.