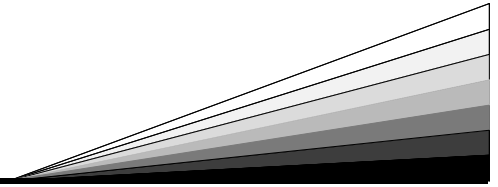


# X-RAY SCIENCE DIVISION

## 400/1-CR-B 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:** Evaluation of surface figure and finish of x-ray mirrors and other substrates

**Hazardous materials/equipment associated with this facility:**

Long Trace Profiler (3b HeNe Laser)	Compressed Air Dryer	Organic Solvents
Topometrix Microscope (3a HeNe Laser)	Wyko 6000 Profiler (Class 2 laser)	ADE Micro XAM TRS Profiler
Wykotopo Surface Profiler		

**Hazards associated with this facility:**

Laser Eye Injury	Occasional Heavy Lifting	Chemical exposure
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**Hazard controls implemented within this facility:**

<b>Engineered Controls</b>	<b>Procedural Controls</b>	<b>PPE</b>
Laser Beam Divider	None specified	Laser Safety Glasses

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

- 1) Ch. 4.3 - Laboratory and Chemical Safety
- 2) Ch. 6.2 – Laser Safety

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

- 1) ESH 115: Laboratory Hazard Communication Training
- 2) ESH 120: Laser Safety Training

*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:	Jun Qian	2-5874
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: \_\_\_\_\_

\_\_\_\_\_ Date

\_\_\_\_\_ 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.*