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

Hazard controls implemented within this facility:

Engineered Controls	**Procedural Controls**	**PPE**
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:

_____ _____
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.