X-RAY SCIENCE DIVISION

401/L3119 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.

THIS FACILITY HAZARD ANALYSIS IS FOR THE FRONT HALF (HPSynC) OF THE LAB

Scope of work conducted in this facility: High temperature laser heating, Laser drilling

Hazardous materials/equipment associated with this facility:
None

Hazards associated with this facility:

Laser Radiation	Cryogenics	Electrical

Hazard controls implemented within this facility:

Engineered Controls	**Procedural Controls**	**PPE**
Laser Interlock	Laser operation procedure	Laser Goggles
Laser curtains		Face Shield
		Cryogenic gloves

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

1) Ch. 6.2: Laser Safety

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

1) ESH 120 – Laser Safety
2) ESH 195 – Personnel Protective Equipment
3) ESH 401 – Building Orientation

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:	Lin Wang	2-6763
Group Leader:	Wenge Yang	2-0487
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 accordingly on an annual basis or whenever conditions change. Once approved, this hazard analysis must then be posted in a conspicuous space within the facility.

X-RAY SCIENCE DIVISION

401/L3119 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.

THIS FACILITY HAZARD ANALYSIS IS FOR THE BACK HALF (AMO group) OF THE LAB

Scope of work conducted in this facility: Laser and optics development

Hazardous materials/equipment associated with this facility:

Lasers	Electrical

Hazards associated with this facility:

Laser Radiation	Electrical

Hazard controls implemented within this facility:

Engineered Controls	Procedural Controls	PPE
Laser Interlock	Laser operation procedure	Laser Goggles
Laser curtains		

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

2) Ch. 6.2: Laser Safety

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

4) ESH 120 – Laser Safety
5) ESH 195 – Personnel Protective Equipment
6) ESH 401 – Building Orientation

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:	Gilles Doumy	2-2588
Group Leader:	Steve Southworth	2-3894
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 accordingly on an annual basis or whenever conditions change. Once approved, this hazard analysis must then be posted in a conspicuous space within the facility.