



Environment, Health, & Safety
Training Program

TMF0230 ~ Cryogenic Safety at The Molecular Foundry

Course Syllabus

Subject Category:	Laboratory Safety	Course Prerequisite:	EHS 0231 Compressed Gas & Cryogen Safety
Course Length:	1 hour	Medical Approval:	n/a
Delivery Mode:	In class lecture		
Schedule:	As requested		
Location/Time:	B67/as requested		

Course Purpose: Provide for safe use of cryogenics at The Molecular Foundry, including use of the liquid nitrogen fill apparatus

Course Objectives:

1. Recognize what operations at The Molecular Foundry include the use of cryogenics
2. Become aware of hazards of cryogenics
3. Know requirements for use of cryogenics at The Molecular Foundry, including use of Personal Protective Equipment
4. Know how to safely use The Molecular Foundry liquid nitrogen fill system

Course Instructional Materials:

- Powerpoint Presentation
- Hands-on demonstration

Instructors: John Seabury

Training Compliance Requirements:

Course Handouts:

- Copy of training slides

Participant Evaluation: Written evaluations regarding the effectiveness of the trainer, the training, and the visual aids.

Written Exam: n/a

Practical Exam: demonstrate proper use of The Molecular Foundry LN fill system

Retraining/Recertification: n/a

WEB Resource: EH&S Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>.