Radiation Safety Program Fact Sheet

Functional Role
The radiation safety program provides support for research in maintaining regulatory compliance, encouraging safe workplace practices, minimizing radiation exposure, and providing safe and effective radioactive waste disposal.

Performance Objectives
- Maintain compliance with state license and regulations
- Improve customer service
- Implement (UCOP Bus 50) written Controlled Substance program policy
- Professional development of staff

Program Elements
- Radioactive material inspection, audit, training program
- X-ray producing machine audits, inspections, training program
- Radioactive waste processing and disposal
- Controlled substances audit, inspection, training program

Regulatory Compliance
Federal:
- 49 Code of Federal Regulations (Transportation)
- 10 Code of Federal Regulations, Part 20 (Energy)

State:
- Title 17, California Code of Regulations
- California Radioactive Material License (1336-42)

Campus:
- Campus Radiation Safety Manual
- Radiation Safety Committee Bylaws
- Campus Laser Safety Manual
- UCSB Policy on Controlled Substances
Radiation and Radioactive Material Performance Measures

Volume of Radioactive Waste Processed for Disposal
F/Y 2014/2015:
- Solid: 162 cft.
- Liquid: 372 Liters

July 1, 2015- May 5th, 2016:
- Solid: 163 cft.
- Liquid: 489 Liters

Radioactive Material Packages (non-waste) Processed for Shipment
- FY 2014/2015: 12
- July 1st, 2015 to May 18th, 2016: 10

Discrete Radioactive Sources on Campus
- FY 2014/2015: 323
- July 1st, 2015 to May 18th, 2016: 340

Labs Audited By Radiation Safety Staff
- FY 2014/2015: 290
- July 1st, 2015 to May 18th, 2016: 286

Radioactive Material Users Trained:
- FY2014/2015: 97
- July 1st 2015 to May 18th, 2016: 94

Radioactive Samples Prepared/Analyzed
- FY 2014/2015: 1250
- July 1st, 2015 to May 18th, 2016: 1200

Radiation Dosimeters Processed:
- FY 2014/2015: 420
- July 1st, 2015 to May 18th, 2016: 418

Meters (portable) Calibrated:
- FY 2014/2015: 420
- July 1st, 2015 to May 18th, 2016: 415

Radiation Producing Machines:
- FY 2014/2015: 43
- July 1st, to May 18th, 2016: 43
Laser Safety Performance Measures

Laser Operators Trained:
- FY 2014/2015: 44
- July 1st, 2015 to May 18th, 2016: 54

Class 3B, 4 Lasers:
- Current as of May, 18th, 2016: 67
- Cumulative totals (not per year, but on specific date)

Safety Audits of Class 3b, 4 Lasers:
- FY 2014/2015: 18
- July 1st, 2015 to May 18th, 2016: 15

*Lasers audited initially (when installed), every 3 years afterward.

Controlled Substances Performance Measures

DEA Registrants:
- FY 2014/2015: 16
- July 1st, 2015 to May 18th, 2016: 15

Number of Authorized Users:
- FY 2014/2015: 55
- July 1st, 2015 to May 18th, 2016: 53

Contact the EH&S, Risk and Emergency Services at (805) 893-7534 if you have any questions.