

**University of San Francisco  
Office of Environmental Health & Safety  
Laser Inspection Form**

Surveyor's Name:

Inspection Date:

Location:

LUA Form Number(s):

Principal Investigator:

email:

Laboratory Contact:

email:

<b>Laser Posting, Labeling and Security Measures</b>			
Entrances properly posted	Y	N	NA
Optical Density (OD) listed on sign	Y	N	NA
Room security adequate	Y	N	NA
Door interlock system	Y	N	NA
Laser indicator outside room	Y	N	NA
Laser indicator outside room functional	Y	N	NA
CDRH Laser class label in place	Y	N	NA
CDRH Laser hazard label in place	Y	N	NA
CDRH Laser aperture label in place	Y	N	NA
<b>Laser Unit Safety Controls</b>			
Protective housing in place	Y	N	NA
Interlock on housing	Y	N	NA
In-house built enclosure labeled	Y	N	NA
Beam shutter present	Y	N	NA
Key operation	Y	N	NA
Activation indicator on console	Y	N	NA
Beam power meter available	Y	N	NA
Emergency shutoff (EPO) available	Y	N	NA
Emergency shutoff (EPO) tested in last 6 months	Y	N	NA
<b>Engineering Safety Controls</b>			
Laser secured to table	Y	N	NA
Laser optics secured to prevent stray beams	Y	N	NA
Laser beam at eye level	Y	N	NA
Upward directed beams	Y	N	NA
Beam path enclosed	Y	N	NA
Beam barriers in place	Y	N	NA
Appropriate barrier material used	Y	N	NA

Beam stops in place	Y N NA	
Microscope used for viewing (example - TIRF)	Y N NA	
Microscope eye pieces filtered	Y N NA	
Remote viewing of beam (ex.CCD camera)	Y N NA	
Beam focused or enlarged	Y N NA	
Beam intensity reduced through filtration (ND filters)	Y N NA	
Fiber optics used	Y N NA	
Beam paths free of clutter	Y N NA	
Physical evidence of stray beams	Y N NA	
<b>Administrative Safety Controls</b>		
LUA(s) are up-to-date	Y N NA	
LUA(s) are available	Y N NA	
SOP available	Y N NA	
SOP up-to-date	Y N NA	
SOP signed by PI and users	Y N NA	
Users checking for stray beams/unwanted reflections	Y N NA	
Stray beam/unwanted reflection documented	Y N NA	
Emergency contact list posted	Y N NA	
Laser training requirement met	Y N NA	
Refresher training requirement met	Y N NA	
Laser eye exam requirement met	Y N NA	
<b>Personal Protective Equipment</b>		
Appropriate laser eye protection available	Y N NA	
Laser eye protection in good condition	Y N NA	
Other PPE (lab coat, gloves, etc.) available	Y N NA	
<b>Non-Beam Hazards</b>		
Hazardous material used with experiment set-up	Y N NA	
Hazardous material stored properly	Y N NA	
Cryogenics in use	Y N NA	
Compressed gas in use	Y N NA	
Gas cylinders restrained properly	Y N NA	
All V belts, pulleys, and fans adequately guarded	Y N NA	
High voltage power hazard	Y N NA	
Electrical panels unobstructed	Y N NA	
Optical table/equipment grounded	Y N NA	
Collateral radiation hazard	Y N NA	
Explosion hazard	Y N NA	
Fire hazard	Y N NA	
LGAC production	Y N NA	
Good housekeeping	Y N NA	
Eye wash/shower area free of clutter	Y N NA	
Eye wash/shower checked	Y N NA	

**Additional Comments**

Laser protective eyewear information:

Manufacturer: Model: Style:

Wavelength/optical density:

Comments:

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Comments:

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