

Laser Safety Inspection

Name of PI:

Date of Inspection:

Lab Location(s):

No.	Findings	Y	N	NA	Comments
	Engineering Safety Controls:				
L01	Laser generating machine secured				
L02	Laser optics secured to prevent stray beams				
L03	Laser beam path not at eye level				
L04	Open beam (No. of laser in comments)				
L05	Enclosed beam (No. of laser in comments)				
L06	Beam Stops/Barriers/Attenuator in place				
L07	Protective housing with interlock present				
L08	Emergency stop/key or Master switch present				
L09	Activation warning system present (light/sound)				
L10	Beam viewing optics hazard present				
L11	Windows in room covered				
L12	Reflective materials kept out of beam path				
L13	Fiber optics present				
	Administrative safety controls:				
L14	All users have appropriate laser training				
L15	SOP up-to-date and signed by users				
L16	SOP Posted or available in same room				
L17	Laser Controlled Area (LAC) posted				
L18	Warning labels on the machine are present				
L19	Door signs posted				
L20	Beam Alignment Procedure available				
L21	Beam not directed towards window or entry points				
L22	Laser safety guidelines posted				
L23	Laser safety manual available				
L24	Emergency contact list posted				
L25	Fiber optics connector tag present				

	Personal Protective Equipment (PPE):				
L26	Proper laser eye protection available				
L27	Laser safety eyewear available in good condition				
L28	Eyewear available with correct OD and correct wavelength				
L29	Protection against UV laser available				
L30	Proper skin protection available				
L31	Laser protective barriers or curtains present				
	Non Beam Hazards				
L32	Electrical hazard				
L33	Collateral radiation hazard				
L34	Fire and/or explosion				
L35	Compressed gases in use				
L36	Chemical hazards - Toxic laser media, dye and solvents				
L37	LGAC production				
L38	Cryogenics in use				
L39	Biological Hazard				
	Documentation				
	All Class 3B and Class 4 lasers registered with EH&S				
	All SOP's and alignment procedure submitted to EH&S				
	Lab specific training documented				
	All documents required for audit are present				
	Others (specify):				

Inspection performed by: