

UNIVERSITY OF KANSAS - LAWRENCE CAMPUS

LABORATORY SAFETY MANUAL

PART V - LASER SAFETY PLAN

Appendix 8.2) Summary of KU Laser Safety Plan Requirements

<u>Requirement</u>	<u>Laser Class</u>
Manufacturers Warning Label	1, 2, 3a, 3b, 4
Warning Sign	2, 3a, 3b, 4
Registered with EHS-LSO	2, 3a, 3b, 4
Laser Safety Training	3a, 3b, 4
Laser Safety Operating Procedures	3b*, 4
Medical Surveillance	3b*, 4

(*if invisible to the eye, and if cw laser, visible beams > 15 mW power)

Exempt Lasers

Class 1 lasers which are used as designed and on which no maintenance is performed by KU personnel/students/visitors that would expose any laser beam which has been enclosed by the manufacturer are exempt (thus exempt lasers) from the Laser Safety Plan.

Embedded Lasers

Embedded lasers are enclosed lasers with an assigned class number higher than the inherent capability of the laser system in which it is incorporated, where the systems lower classification is appropriate due to the engineering features limiting accessible emission. All embedded lasers that require onsite maintenance or services with interlocks bypassed are subject to the KU Laser Safety Plan. Otherwise, all embedded lasers are exempt from the KU Laser Safety Plan.