Nebraska Medicine LASER Eyewear Inspection Log

Laser protective eyewear (LPE) shall be used for Class 3B and Class 4 lasers or laser systems. LPE is usually not required for Class 2 or Class 3R lasers or laser systems except in conditions where intentional long-term (> 0.25s) direct viewing is required. Periodic cleaning and inspection shall be performed on LPE to ensure they are maintained to a satisfactory condition. LPE shall be inspected before and after use. Defects and non-compliance of LPE must be reported to the LSO and/or DLSO.

Inspection of LPE should include:
- Inspection of the attenuation material for pitting, crazing, cracking, discoloration, delamination or lifting of dielectric coatings, etc.
- Inspection of the frame for mechanical integrity
- Inspection of straps or other retaining devices to ensure that they are not excessively worn or damaged
- Inspection for light leaks and coating damage that would permit hazardous intrabeam viewing

It is imperative to wear the correct LPE for specified laser type. This includes, but is not limited to, determining the correct LPE due to laser power, wavelength, MPE, optical density, VLT, comfort and fit, strength of materials, etc. All LPE shall be clearly labeled with the optical density and for which protection is afforded.

LASER Eyewear Location	Date	LPE Inspected By	Complies	If unit does not comply, note action taken
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	

LASER Eyewear Location	Date	LPE Inspected By	Complies	If unit does not comply, note action taken
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	