

## Tailgate/Toolbox Safety Training Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786



LUMPANY L					
Company Name:		Job Site Location:		can an	
Date:	Start Time:	Finish Time:	Foreman/Supervisor:		
	<del> </del>	Tonic 283	: Laser Safety		
industry for many ye continuously develop grading. Only qualifi	ears now, especially ed with many coming ed and trained employ	or construction but car in the area of leveling in the area of contro yees shall be assigned	n be dangerous to your health. Lasers have g and elevations alignment applications. Iling the blades on bull dozers and road grate to install, adjust, and operate laser equipme irements for laser use and the required tra	New technologies are being aders for precision cutting and ent on a jobsite.	
General requireme	nts and safety prece	utions			
Areas in which lasers are used must be posted with standard laser warning placards.					
Laser units in	Laser units in operation should be set up above the heads of employees when possible.				
<ul> <li>Beam shutters or caps shall be utilized, or the laser turned off, when laser transmission is not actually required.</li> <li>When the laser is left unattended for a substantial period of time, such as during lunch hour, overnight, or at change of shifts, the laser shall be turned off.</li> </ul>					
Only mechanic	Only mechanical or electronic means shall be used as a detector for guiding the internal alignment of the laser.				
Laser equipment must bear a label to indicate maximum output.					
■ The laser beam must not be directed at workers.					
When it is raining or snowing, or when there is dust or fog in the air, the operation of laser systems shall be prohibited where practicable. In any event, workers must be kept out of range of the area of source and target during such weather conditions.					
When anyone is working in an area where a potential exposure to direct or reflected laser light greater than five milliwatts exists they must be provided with anti-laser eye protection.					
<ul><li>Direct Staring required to or a</li><li>Incidental Obs</li></ul>	- One micro-watt pe are likely to look direct serving - One milliwa	r square centimeter for ctly into the beam, tow at per square centimet	the characteristic above these standard values of direct staring. Direct staring applies where the source, in order to perform require the for incidental observing. Incidental observed and in unlikely to occur in the performance of the start of the sta	you are down work.	
exposure where looking directly into the laser is not required and is unlikely to occur in the performance of your work.  Diffused Reflected Light – Two and one half watts per square centimeter for diffused reflected light.					
Microwave Power Densities – Ten milliwatts per square centimeter for microwave power densities.  Microwave Power Densities – Ten milliwatts per square centimeter for microwave power densities.					
Conclusion: Before equipment and be provarious hazards associate elimination of the or by a knowledgeal must have proof of quantities.	anyone can install, a coficient in applicable ciated with the use of a hazards. The training of individual designates in their possible in the interposible	djust, or operate laser manufacturer's recont the equipment and the should be conducted by your employes ssession at all times.  Work	requipment, they must be trained in the use mmendations. Workers must be instructed ne necessary or recommended control means d by a qualified representative of the manuar. When laser equipment is in operation, Follow these requirements for safe laser operations. Site Review	d in the sures for dacturer, workers erations.	
Work-Site Hazards ai	nd Safety Suggestions				
Personnel Safety Vio Material Safety Data Employee Signati	lations: Sheets Reviewed:	(My signature attests an	d verifies my understanding of and agreement to com hat I have not suffered, experienced, or sustained any	(Name of Chemical)  uply with, all company safety policies	

Foreman/Supervisor's Signature: \_ These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.