

USSL Risk Assessment

Risk Assessment No		91	Activity		Artificial Optical Radiation		Locations		Office/ Garage / Workshop / Site / Yard	
Assessment Undertaken by		M. Watson	Assessment Date		Jun-17		Review Date		1/6/18	
Risk Ratings										
Persons at risk (PAR)		Severity / Harm Rating (S)				Likelihood (L)				
E	Employees / Contractors	1	Negligible injury or no injury			1	Extremely unlikely to occur at any time			
P	Members of Public	2	Minor injury requiring First Aid			2	A rare combination of factors would be required for an incident to occur			
V	Visitors	3	Lost time injury			3	Could happen, but considered unlikely under normal circumstances			
C	Clients	4	Single serious injury or single death			4	Not certain, but an additional factor may result in an incident			
		5	Multiple deaths and or serious injuries			5	Almost inevitable that an incident will result - Highly likely to occur			
Tolerance rating										
15 - 25		DANGER - Task/activity should not proceed. Further control measures are to be put in place to reduce risk. When in place the level of risk should be re-assessed for adequacy before the work recommences.								
7 - 14		SIGNIFICANT RISK is attached to this task/activity. Look critically at ways of reducing the level of risk to a more tolerable level by improving existing control measures or by introducing new controls.								
1 - 6		TOLERABLE RISK - Consider if risk is "as low as reasonably practicable", If not try to reduce risk further by improving control measures. Keep under review and continue with task/activity, but with caution								
NB. Full PPE will be utilised as a matter of course during any works undertaken										
Initial Assessment No controls						Risk Mitigation Measures				
Item No	Hazard Identification	PAR	S	L	Score	Control Measures	S	L	Revised Score	Risk Acceptable
1	Office Ceiling Fluorescent Tubing	E,P,V,C	3	2	6	HSE List 1 Safe Lighting Direct Contact with Light bulb. Ensure Diffusers are fitted to all ceiling fluorescent lighting Periodic Cleaning of Diffusers	3	1	3	Yes
2	Task Lighting Desk Lamps	E,P,V,C	3	2	6	HSE List 1 Safe Lighting All forms of task lighting including desk lamps and tungsten-halogen lamps fitted with appropriate glass filters to remove unwanted ultraviolet light. Periodic Cleaning of filters. Avoid Direct contact with bulb	3	1	3	Yes
3	Photocopiers	E	3	1	3	HSE List 1 Safe Lighting Follow Manufacturers Instructions for use of Photocopier. Ensure Lid Remains Closed when using the equipment. Avoid Direct contact with bulb	3	2	6	Yes
4	Computer or similar display equipment, including personal digital assistants (PDAs).	E	3	1	3	HSE List 1 Safe Lighting Ensure DSE assessment has been carried out for fixed units. Allow a 15 min break every for every hr use of equipment.	3	2	6	Yes
5	Vehicle indicator, brake, reversing and fog lamps.	E,P,V,C	3	1	3	HSE List 1 Safe Lighting Direct contact with bulb Diffusers are in tact	4	1	4	Yes
6	Desktop projectors.	E,P,V,C	3	3	9	HSE List 1 Safe Lighting in accordance with Manufacturers Instructions Avoid CLOSE contact with light source.	3	2	6	Yes
7	Vehicle headlights.	E	3	3	9	HSE List 1 Safe Lighting CLOSE contact with light source Ensure Diffusers are in tact	4	1	4	Yes
8	Laser levels	E,P,V,C	3	3	9	HSE List 1 Safe Lighting Manufacturers Instructions contact with light source Follow Avoid CLOSE Never point lasers at other persons.	4	1	4	Yes
9	Metal working Welding (arc and oxyfuel) Damage to eyes – photokeratitis and photoconjunctivitis ('arc eye'), photochemical damage to the retina (blue light hazard) Damage to skin – UV burn (erythema)	E,P,V,C	4	4	16	Follow Risk Assessment for Welding Use face shields, coveralls and gloves Protect others using screens/curtains/restricted access Employees must be trained in the use of the equipment Display appropriate warning signs Monitor and enforce use of control measures If any workers are over-exposed, provide medical examination and consider whether follow-up health surveillance is appropriate	4	1	4	Yes