

USSL Risk Assessment

Risk Assessment No		93	Activity		Application of Thermoplastic Road Markings		Locations		Site	
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	Customers and members of the public entering the working area	E,P,V,C	4	3	12	Working area(s) must be barriered AT ALL TIMES unless a team member acts as a banks man Walkways must be provided for pedestrians Vehicle parking to be planned and vehicle doors that may obstruct pedestrians and traffic kept closed Working area to be arranged to provide sufficient width for pushchairs and electrically powered scooters for the elderly – secured ramps are to be provided on kerbs. Areas where the customers and the public may walk must be kept free from tools and materials Work is to be stopped and supervisor consulted when customers/public are violent or aggressive Children must never be allowed to play with tools, materials or equipment	4	1	4	Yes
2	Slips, Trips and Falls	E,P,V,C	4	4	16	Access to the working area to be kept clear of tools and materials at all times Working area to be maintained in a tidy condition as work progresses Mud to be cleaned from boots when leaving the working area and mud swept off footpaths Check the condition of stairs or places slips or trips may occur Take extra care in wet or freezing conditions Footwear must fit well - soles to be in good condition and kept clean – Boots must provide ankle support Steps into the vehicle to be kept clear and free from mud. Extra care to be taken if there is no step	4	1	4	Yes
3	Defective or unsuitable plant/tools and equipment	E	3	4	12	All items are to be checked by the user BEFORE use Hand tools to be cleaned and inspected by the user All plant and powered equipment to be regularly maintained and inspected by a competent person Defective or broken tools are NOT to be used and are to be immediately repaired or replaced	3	2	6	Yes
4	Manual handling	E	3	4	12	Follow the guidance in your Operative Handbook	3	2	6	Yes
5	Impact with moving vehicles	E,P,V,C	5	4	20	Use warning signs as described in the Street works Code of Practice (Chapter 8) Provide safety zones as described in the Street works Code of Practice (Chapter 8) Provide warning lights during the hours of darkness Wear high visibility clothing at all times	4	1	4	Yes
6	Working on construction sites	E	4	4	16	Report to the site manager on arrival Request a site induction and ensure that all team members attend Identify the site safety rules and comply with them e.g. wearing of safety helmets Consult the site manager for up to date information on the position of underground plant	4	1	4	Yes
7	Burner Operation, Fire.	E,C	4	4	16	Ensure areas are free from flammable materials before starting work and check all area after completion for likely smouldering materials. Ensure fire extinguishers are present and suitable for the material being welded and gases used (Usually CO2 or Dry Powder). Flame resistant clothing is required for body, hand and foot protection. IF IN DOUBT SEEK ADVICE FROM YOUR SUPERVISOR.	4	1	4	Yes
8	Burner Operation, Burns and contact with hot thermoplastic markings	E,C	4	4	16	Wear overalls and gloves to protect skin Never touch hot material or flame with bare hands If contact is made with hot product, immediately immerse in/or flush area with large amounts of water. Do not attempt to remove product from skin. Get prompt medical attention continuing to flush burns with water until medical attention is obtained. Cool the skin with water if burned and seek medical attention.	4	1	4	Yes
9	Burner Operation, Fumes and gases	E,C	3	4	12	Carry out work in well ventilated areas only. Dusts and fumes may irritate airways and cause headaches. An allergic reaction to airways may result if exposed to excessive levels of dusts. Remove affected person to fresh air, obtain medical attention if symptoms persist.	3	2	6	Yes
10	Fire and Explosion: Storage, use and movement of compressed gas cylinders.	E,C	5	4	20	Only have the required amounts of cylinders at work areas (1 Days Supply). Store spare cylinders correctly in a compound bottle rack. Close valves before moving cylinders and after use. Do not allow cylinders to become heated. Keep oil away from cylinders and valves etc. If you suspect a leak, move the cylinder into the open air, contact your supervisor.	5	1	5	Yes